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S A T E X

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An Important Message for You - -

We desire to ask your kind consideration in noting our prices which will mean a nice saving to you on quality seeds and merchandise.

Through the medium of your valued patronage and increased volume of business we have been enabled to double our warehouse space, enabling us to carry larger stocks and our increased buying power will put us in a position to pass our savings on to you and also give better service.

All five and ten cent packages of seeds are now listed at four and eight cents, postpaid, a saving of 20 percent and we have not sacrificed quantity or quality in putting out these packages. The membership saving card enclosed entitles you to a very liberal discount on all items marked with an asterisk (*). This card sent in with your order for Poultry Remedies and Supplies will save you considerable money on these items marked. The card will be returned with your order.

Our prices on Field Seeds, Poultry Feeds and such items which are based on market price will always be kept on the lowest level, quality considered and we will appreciate your inquiries and we are sure you will be pleased with the prices quoted.

We want you to feel that this firm appreciates very much your patronage in the past years and that we will try to merit your continued patronage in the coming year.

Yours very truly,

SATEX SEED COMPANY, INC.

POSTAGE CHARGES

All garden and flower seeds quoted in catalog are postpaid up to the fifth zone. Field Seeds, Bulbs, Poultry Remedies and Supplies, Dog Remedies and Supplies, Bird Remedies and Supplies are quoted f. o. b. San Antonio. If you wish to have them sent by parcel post send enough postage to cover same, see Parcel Post rates on page 1. Insecticides and Fungicides can not be shipped by parcel post. In large shipments unless you specify way of shipment, we will ship cheapest way.

MEXICO CUSTOMERS—Add 14c per pound to prices, also 15c for registration. We ship up to 20 pounds per package into Mexico.

NON-WARRANTY—Note. There are many contingencies to be encountered in growing plants from seeds and in setting out plants that are dependent on the weather and other conditions over which we have no control, that success in planting is not altogether dependent on the seed or plant. We send out only seed that have been tested for germination, and which we believe will produce the kind of variety and plant represented; but:

Satex Seed Company gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs, plants or trees they send out and they will not be responsible in any way for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

HOW TO ORDER BY MAIL

YOUR NAME AND ADDRESS—Be sure that your name and address in full are written very plainly. We have on file quite a few orders without any name and address, and if you should have mailed us an order and failed to receive same during the past year, kindly write us, giving approximate date of order and copy of order, and if on file, we will give same our attention. If you do not receive any goods ordered from us within ten days after the order is sent kindly let us hear from you, and we can then avoid further delay. **We fill all orders the day received,** unless unable to supply same at the time, and will advise you accordingly, so do not hesitate to write us, if the goods do not show up.

CASH WITH ORDER—The proper way is to send remittance in full to cover order and postage. We send orders C. O. D. only if 25 per cent of the amount of order is enclosed. **Plants are never sent C. O. D.**

REMITTANCES should be made by Postoffice Money Order or Bank Draft. On orders up to One Dollar, we will accept clean unused postage stamps. If currency is sent, letter should be registered, and if local checks are sent they should be certified. We do not accept responsibility for orders, which never reach us.

PARCEL POST, C. O. D.—Packages may be sent C. O. D. at an extra expense of 12c, which amount is added to the order.

INSURED PARCEL POST—If customers want their packages sent insured they will kindly add cost to their remittance. Rate—Up to \$5, 5c; up to \$25, 8c.

POSTAGE has to be prepaid and customers will kindly add same to their valued orders, as packages cannot be mailed charged collect at destination. This refers to larger quantities than prices quoted postpaid.

WEIGHT LIMIT—Packages are subject to a limit of maximum weight in the first, second and third zone of 70 pounds; in all other zones of 50 pounds.

ZONE RATES may be had by applying to your postmaster who will tell you which zone you are in, with reference to San Antonio, or consult parcel post schedule above.

HOW TO FIGURE POSTAGE—First figure up the weight in pounds on "Not Prepaid" items you are ordering. Then find what zone you are in from San Antonio. Take the number of pounds you are ordering in the first column and read straight across to your zone column and the amount shown is the postage to send us in addition to the cost of the seed, so we can prepay the postage.

As an example we will suppose that you want to order 14 pounds (a peck) of corn. If you lived in either the 1st. or 2nd. postage zones from San Antonio the amount to be sent us in addition to the price of the corn would be 21 cents; for the 4th. zone 65 cents and so on. With the above table it's very easy to figure it exactly, once you know what your zone number is.

If at all in doubt as to your zone be sure and send enough to cover necessary postage. If you send too much it will be returned to you.

Seventy pounds is the weight limit. If larger quantities are wanted it will have to be split into two or more shipments. Fifty pounds is the weight limit for the 4th, 5th, 6th, 7th and 8th zones.

PARCEL POST RATES —Zones—

| Wt. in lbs. | 1 & 2 | 3rd | 4th | 5th | 6th | 7th | 8th |
|-------------|--------|--------|--------|--------|--------|--------|--------|
| 1 | \$0.07 | \$0.08 | \$0.09 | \$.10 | \$.11 | \$.13 | \$.14 |
| 2 | .08 | .10 | .13 | .16 | .19 | .23 | .28 |
| 3 | .09 | .12 | .17 | .22 | .27 | .33 | .42 |
| 4 | .10 | .14 | .21 | .28 | .35 | .43 | .56 |
| 5 | .11 | .16 | .25 | .34 | .43 | .53 | .70 |
| 6 | .12 | .18 | .29 | .40 | .51 | .63 | .84 |
| 7 | .13 | .20 | .33 | .46 | .59 | .73 | .98 |
| 8 | .14 | .22 | .37 | .52 | .67 | .83 | 1.12 |
| 9 | .15 | .24 | .41 | .58 | .75 | .93 | 1.26 |
| 10 | .16 | .26 | .45 | .64 | .83 | 1.03 | 1.40 |
| 11 | .17 | .28 | .49 | .70 | .91 | 1.13 | 1.54 |
| 12 | .18 | .30 | .53 | .76 | .99 | 1.23 | 1.68 |
| 13 | .19 | .32 | .57 | .82 | 1.07 | 1.33 | 1.82 |
| 14 | .20 | .34 | .61 | .88 | 1.15 | 1.43 | 1.96 |
| 15 | .21 | .36 | .65 | .94 | 1.23 | 1.53 | 2.10 |
| 16 | .22 | .38 | .69 | 1.00 | 1.31 | 1.63 | 2.24 |
| 17 | .23 | .40 | .73 | 1.06 | 1.39 | 1.73 | 2.38 |
| 18 | .24 | .42 | .77 | 1.12 | 1.47 | 1.83 | 2.52 |
| 19 | .25 | .44 | .81 | 1.18 | 1.55 | 1.93 | 2.66 |
| 20 | .26 | .46 | .85 | 1.24 | 1.63 | 2.03 | 2.80 |
| 21 | .27 | .48 | .89 | 1.30 | 1.71 | 2.13 | 2.94 |
| 22 | .28 | .50 | .93 | 1.36 | 1.79 | 2.23 | 3.08 |
| 23 | .29 | .52 | .97 | 1.42 | 1.87 | 2.33 | 3.22 |
| 24 | .30 | .54 | 1.01 | 1.48 | 1.95 | 2.43 | 3.36 |
| 25 | .31 | .56 | 1.05 | 1.54 | 2.03 | 2.53 | 3.50 |
| 26 | .32 | .58 | 1.09 | 1.60 | 2.11 | 2.63 | 3.64 |
| 27 | .33 | .60 | 1.13 | 1.66 | 2.19 | 2.73 | 3.78 |
| 28 | .34 | .62 | 1.17 | 1.72 | 2.27 | 2.83 | 3.92 |
| 29 | .35 | .64 | 1.21 | 1.78 | 2.35 | 2.93 | 4.06 |
| 30 | .36 | .66 | 1.25 | 1.84 | 2.43 | 3.03 | 4.20 |
| 31 | .37 | .68 | 1.29 | 1.90 | 2.51 | 3.13 | 4.34 |
| 32 | .38 | .70 | 1.33 | 1.96 | 2.59 | 3.23 | 4.48 |
| 33 | .39 | .72 | 1.37 | 2.02 | 2.67 | 3.33 | 4.62 |
| 34 | .40 | .74 | 1.41 | 2.08 | 2.75 | 3.43 | 4.76 |
| 35 | .41 | .76 | 1.45 | 2.14 | 2.83 | 3.53 | 4.90 |
| 36 | .42 | .78 | 1.49 | 2.20 | 2.91 | 3.63 | 5.04 |
| 37 | .43 | .80 | 1.53 | 2.26 | 2.99 | 3.73 | 5.18 |
| 38 | .44 | .82 | 1.57 | 2.32 | 3.07 | 3.83 | 5.32 |
| 39 | .45 | .84 | 1.61 | 2.38 | 3.15 | 3.93 | 5.46 |
| 40 | .46 | .86 | 1.65 | 2.44 | 3.23 | 4.03 | 5.60 |
| 41 | .47 | .88 | 1.69 | 2.50 | 3.31 | 4.13 | 5.74 |
| 42 | .48 | .90 | 1.73 | 2.56 | 3.39 | 4.23 | 5.88 |
| 43 | .49 | .92 | 1.77 | 2.62 | 3.47 | 4.33 | 6.02 |
| 44 | .50 | .94 | 1.81 | 2.68 | 3.55 | 4.43 | 6.16 |
| 45 | .51 | .96 | 1.85 | 2.74 | 3.63 | 4.53 | 6.30 |
| 50 | .56 | 1.06 | 2.05 | 3.04 | 4.03 | 5.03 | 7.00 |
| 55 | .61 | 1.16 | | | | | |
| 60 | .66 | 1.26 | | | | | |
| 65 | .71 | 1.36 | | | | | |
| 70 | .76 | 1.46 | | | | | |

Zones are based on the distance you are from the shipping point, San Antonio, Texas. Up to 150 miles from San Antonio is the 1st and 2nd zones, which take the same rate. 150 to 300 miles is the 3rd zone, 300 to 600 is 4th, 600 to 1000 is 5th, 1000 to 1400 is 6th, 1000 to 1800 is the 7th, over 1800 miles is 8th zone.

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A BOOKLET EVERY POULTRYMAN SHOULD HAVE

A complete 72 page poultry book describing the proper way to raise chicks, how to build poultry houses, select layers and breeders, cure poultry diseases, etc., will be mailed to you free by writing direct to UNIVERSAL MILLS, Fort Worth, Texas. We will be glad to help you with your Poultry Problems. We maintain a Poultry Department headed by Mr. F. C. Wantzloeben, a poultryman of 16 years' experience. Don't hesitate to write us. We are here to serve you.



SNAROL

New, scientific method, death to cut worms, slugs, snails, earwigs, sowbugs, grass-hoppers and other annoying pests.

Water doesn't harm it, and it doesn't harm the plants or vegetation.

Good plants, seeds and bulbs are often ruined by the ravages of the above mentioned pests. Generally they do their work at night—while you sleep. They advance on vegetation and destroy the tender growth as they shoot out of the ground. Nearly everything with which they come in contact is thus destroyed.

Snarol is a scientifically prepared meal that you simply broadcast on the ground around the flowers and under the shrubs. The pest eats it as a food and is quickly exterminated. This modern pest control, unlike many others, is safe to use around pets or fowls.

Snarol is widely endorsed by leading nurseries, institutions and gardeners everywhere. It is easy to use and quick to effectively destroy the pest, which may be eating the tender shoots of your favorite flowers, vegetables or plants. Use Snarol in the garden and you will be free from the ravages of these pests. Write us today for a supply, or free 24-page booklet on Pest Control, written by Mrs. A. D. Cardinet, famous entomologist, and discoverer of Snarol.

PRICES:

| | |
|--------------------|---------|
| 1-lb. Carton | \$.50* |
| 3-lb. Carton | 1.00* |
| 15-lb. Bag | 3.75* |
| 100-lb. Bag | 15.00* |



*RED SEAL RAT DEATH

Red Seal Rat Death is not new or an experiment but has been successfully used in all work done by the International Exterminator Company who for 21 years have specialized in ridding institutions and large buildings of these pests. However, this is the first time it has been offered for sale to the home consumer and is filling a long felt want. It not only kills rats and mice but embalms and dries them up, thus leaving no odor. 2 oz. can, 50c; 8 oz. can, \$1.50.*



ANTROL

AGAINST ANTS

For controlling Argentine and species of house ants commonly known as honey-dew loving ants.

Antrol containers offer you three distinct advantages over ordinary, old-time methods.

First, this modern system kills the queen ant and thus destroys the entire ant colony.

Second, Antrol is safe to use around children or pets.

And third, the Antrol method is in accordance with the methods adopted by the United States Government.

These three advantages of Antrol make it the most popular ant control on the market. Ants immediately smell the Antrol Syrup in the jars and eat it as a food. They climb into the jar through the openings provided for that purpose in the top of the containers, and down the tiny bits of excelsior which operate as "ladders" into the Syrup. The ants then carry this Syrup, which is mildly poisonous, back to the ant nest and in this way transmit it to the queens and their entire colony. Soon the entire ant colony is destroyed and your home is free from the ravages of these annoying pests.

Antrol jars, therefore, protect your home from ants effectively, safely and permanently. They stand on guard like sentinels! Write today for 24-page booklet on Pest Control, written by Mr. A. D. Cardinet, famous entomologist, and inventor of the Antrol system.

PRICES:

| | |
|---|----------|
| Antrol Cottage Sets (containing 9 jars and 6-oz. bottle of Syrup) | \$ 1.90* |
| Extra Jars (each) | .20* |
| Pint Bottles of Syrup | 1.00* |
| Quart Bottles of Syrup | 1.50* |
| Gallon cans of Syrup | 4.00* |



*RAX IS NOT A POISON

While it is absolutely deadly to rats and mice, it is harmless to human beings, domestic animals, poultry and birds. It may be used everywhere with complete safety.

"Rax"—The scientific destroyer of Rats, Mice, and all rodents. Harmless to human beings and all animals not rodents. 75c.*

Green Podded BUSH BEANS

Hopkins Improved Red Valentine—A very hardy, early and productive standard sort. Pods $4\frac{1}{2}$ inches long, round and creaseback, medium green, slightly stringy and of good quality. Pkt., 8c; lb., 35c, postpaid.

Black Valentine—Beautiful large pods about 6 inches long, slender, round and nearly straight, fine grained, dark green in color. Seed black. An early, productive, profitable gardeners variety. Plant more vigorous and productive than Red Valentine and pods darker green. Pkt., 8c; lb., 35c, postpaid.

Stringless Green Pod—The pods are medium green, five to six inches long, cylindrical, larger than those of the Red Valentine, but not quite as fleshy, of equally high quality and remain crisp and tender longer. Absolutely stringless. Pkt., 8c; lb., 35c, postpaid.

Giant Stringless Green Pod—Another exceptionally fine bean for home or market, perfectly stringless; pods longer than Burpee's Stringless; strong, vigorous grower, and a continuous bearer of delicious beans for weeks. Pkt., 8c; lb., 40c, postpaid.

Longfellow—Moderately early and productive. Pods dark green, 6 to 7 inches long, very slender, straight and round; very slightly stringy, tender, fine grained, attractive and of good quality. Pkt., 8c; lb., 35c, postpaid.

BUSH WAX BEANS



Improved Golden Wax

Improved Golden Wax—One of the best beans in cultivation. Pods are long, nearly straight, broad and flat, and golden yellow; seed white, more or less covered with two shades of purplish red. Pkt., 8c; lb., 35c, postpaid.

Prolific Black Wax—Early; pods round, about five inches long, fleshy, brittle and stringless, deep yellow in color and attractive. A standard sort. Pkt., 8c; lb., 35c, postpaid.

Pencil Pod Wax—Early and very productive. Pods large, 5 to 6 inches long, round, straight and creaseback, strictly stringless, free from fiber, fleshy and brittle; of highest quality; color very clear yellow. Pkt., 8c; lb., 35c, postpaid.

Crystal White Wax—Pods small, about $3\frac{1}{2}$ inches long, round and curved with crease in back, very fleshy and brittle. Color greenish-white with silvery shade. Used mostly for canning. Pkt., 8c; lb., 40c, postpaid.

BUSH LIMA BEANS

Henderson's Dwarf Lima—The earliest variety of dwarf Lima Beans, fully two weeks earlier than any other variety. Plants about 16 inches high and very prolific. Beans are small. Recommended to anyone desiring early lima beans. Pkt., 8c; lb., 35c, postpaid.

Speckled Bush Lima—This variety is generally known as "calico or speckled" butter bean. The beans are of fine quality, either green-shelled or dry. It is very prolific and does well in the driest weather. The seed is sort of a brownish color. Pkt., 8c; lb., 40c, postpaid.



Pole Speckled Lima

POLE LIMA BEANS

Carolina or Sieva—Beans small and white on the order of Henderson Bush Lima. Plant of large growth, very early, vigorous and productive. Pkt., 8c; lb., 40c, postpaid.

Pole Speckled Lima—This fine Butter Bean is better adapted for the wants of the Southern farmer than any other variety. It is a certain and abundant cropper. The vines are strong growers and cling well to the poles or trellis. Bear early and late. Both pods and beans are larger than the old white Carolina or Sieva Butter Bean. The beans are speckled in color, white splotched with red but are of the very highest quality, both in the green and dry state. Pkt., 8c; lb., 40c, postpaid.

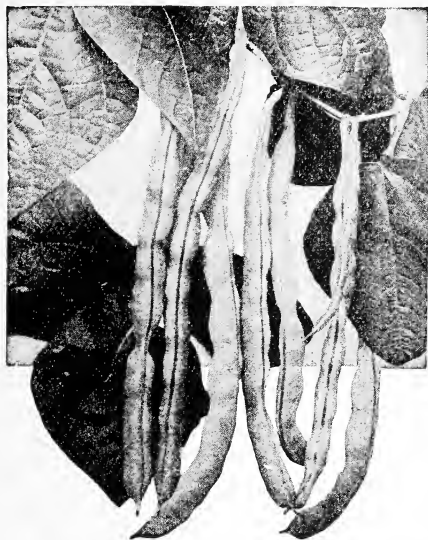
POLE BEANS

White Creaseback—A white-seeded round green-pod Pole Bean, a prolific yielder of excellent quality. Sometimes called White Cornfield Beans. Pkt., 8c; lb., 35c, postpaid.

Striped Creaseback—A hardy and very productive green podded cornfield bean. The vines are sturdy and of good climbing habit, with small-medium, deep green leaves. The pods are long, about 6 inches, very cylindrical or completely rounded. Large Pkt., 8c; 1 lb., 35c, postpaid.

Kentucky Wonder (Wax)—One of the earliest of the pole wax sorts. Pods eight to nine inches long, thick, decidedly crease-back; very fleshy, brittle, but stringy. Attractive and fair quality. Color light yellow. Pkt., 8c; lb., 45c, postpaid.

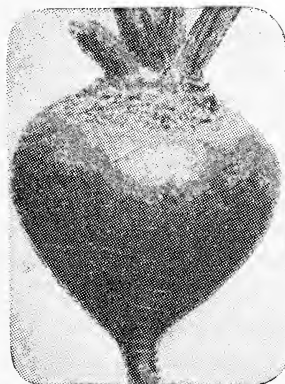




Kentucky Wonder

Kentucky Wonder—An excellent green-podded variety; enormously productive, the long pods hanging in great clusters along the entire vine. They cook very tender and melting. Seed dark brown. Pkt., 8c; lb., 35c, postpaid.

GARDEN BEETS



Detroit Dark Red

Crosby's Egyptian—We have an unequalled strain of this superb, extra early sort. A flattened globe shape; skin very dark red, flesh a trifle lighter in color and slightly zoned; tops small. Pkt., 4c; oz., 8c; ¼ lb., 20c; lb., 60c, postpaid.

Extra Early Eclipse—A fine early table beet, top-shaped or tapering, globe shaped. Flesh deep crimson, zoned with pink. Crisp and sweet. Pkt., 4c; oz., 8c; ¼ lb., 20c; lb., 50c, postpaid.

Detroit Dark Red Turnip — Roots roundish, smooth; dark red; flesh bright red, zoned with lighter; crisp, tender, sweet, a good keeper. Pkt., 4c; oz., 8c; ¼ lb., 20c; lb., 60c, postpaid.

Landreth's Best—45 days, five days earlier than Detroit more ball-shaped—altogether a superior sort. Slimmer tap roots—more mouse tailed. Flesh solid, deep blood red of excellent quality, sugary. Skin smooth and free from side fibers. Pkt., 4c; oz., 12c; ¼ lb., 30c; lb., 90c, postpaid.

Early Blood Turnip—A standard medium early variety of excellent quality; also good for summer and fall use. The flesh is deep red, zoned with lighter shade; sweet, crisp and tender; nearly round. Pkt., 4c; oz., 8c; ¼ lb., 20c; lb., 60c, postpaid.

Swiss Chard or Spinach Beet—No other garden vegetable will produce more nutritious food from a small space than Swiss Chard. Of rapid growth. The foliage and leaf-stalks used same as asparagus or spinach. Pkt., 4c; oz., 8c; ¼ lb., 25c; lb., 75c, postpaid.

MANGEL WURZEL BEETS

Giant Feeding Sugar Or Half Sugar Mangel—A beet which is superior to Mangels for stock feeding purposes, as it is more nutritious, having a large amount of sugar. It is oval in shape and grows partly out of the ground. It is of large size and yields enormous crops. Pkt., 4c; oz., 8c; ¼ lb., 15c; lb., 50c, postpaid.

Improved Mammoth Long Red—The largest of all the Mangels and the heaviest cropper. Skin is red, flesh white zoned with red. This variety produces a larger amount of good feed than any other beet, and is recommended as superior to all others. Pkt., 4c; oz., 8c; ¼ lb., 15c; lb., 50c, postpaid.

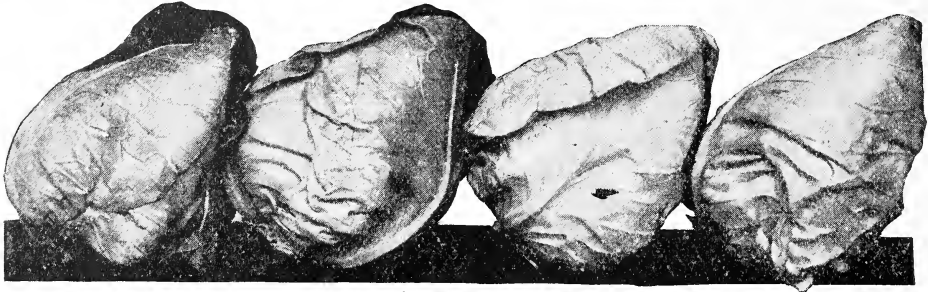
CABBAGE SEED



Copenhagen Market

Culture—Cabbage grows successfully on a wide variety of soils and experience points to liming, deep plowing and heavy manuring means success to cabbage raising. One can set cabbage plants out as early as February or March, which have been wintered over either in cold frames or out of doors. This setting will give you the earliest cabbage. For a succession sow the seed of the early varieties in hot-beds or cold frames either in January or February. Later sow the early varieties out doors. For winter or fall cabbage sow your seed in May or June, and in July or August transplant in the field. For setting out plants in the fall for making early cabbage in the spring the seed should not be sown before the 22nd of September, for if they are sown earlier you are more likely to have most of them shoot to seed instead of making heads. Early varieties should be set about 18 inches apart in 3-foot rows. One ounce will produce 1,500 plants, eight ounces will make plants for one acre. We will always have plants in season; see plant list price page ??.

CABBAGE SEED



Early Jersey Wakefield

Early Jersey Wakefield—The most widely known and popular extra early variety. Heads are broad cone shaped and very solid. Pkt., 4c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., 1.50, postpaid.

Charleston Wakefield—About one week later than Early Jersey Wakefield, but the conical heads are fully one-half larger. Pkt., 4c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., 1.50, postpaid.

Stein's Early Flat Dutch—An early and excellent type of Early Flat Dutch, with a medium stem; heads round, flat and solid. Pkt., 4c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., 1.50, postpaid.

Copenhagen Market—Very fine; stem short, heads large, round and solid, with few outer leaves of an upright growth. Nearly as early as Jersey Wakefield. Pkt., 4c; oz., 35c; $\frac{1}{4}$ lb., 90c; lb., \$2.50, postpaid.

Early Drumhead—We recommend this sort for markets that require a very large and deep head. Plant large, with few outside leaves, stem of medium length. A sure heading variety of excellent quality. Pkt., 4c; oz., 18c; $\frac{1}{4}$ lb., 50c; lb., \$1.50, postpaid.

Danish Ball Head—One of the very best winter sorts and one of the most hardy; heads round and very solid. Our selected stock of this cabbage is unexcelled. Pkt., 4c; oz., 20c; $\frac{1}{4}$ oz., 50c; lb., \$1.50, postpaid.

Volga, or Russian—A new medium sized sort, with round, solid heads, which are deep through. It is extremely hardy. Pkt., 4c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00, postpaid.

Red Rock—The largest and surest heading red cabbage, round, solid and dark red, medium to long stem. Pkt., 4c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$1.75, postpaid.

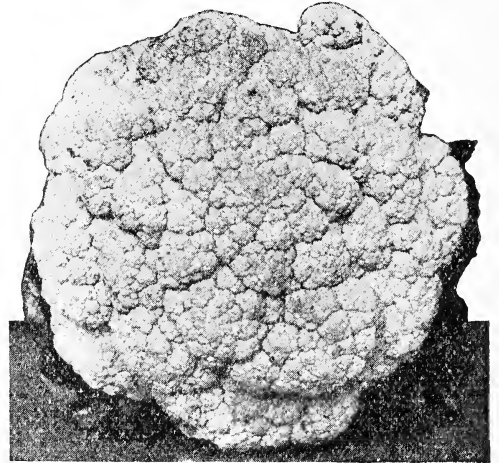
Drumhead Savoy—Heads round, compact and solid; leaves numerous, deep green and coarsely crimped. Pkt., 4c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$1.75, postpaid.

Glory of Enkhuizen—A dependable variety heading right after Copenhagen Market. Pkt., 4c; oz., 35c; $\frac{1}{4}$ lb., 90c; lb., \$2.50, postpaid.

Chinese Cabbage (Pe Tsai)—Sometimes called Celery Cabbage; resembles Cos Lettuce as much as cabbage, though with a decided cabbage flavor. Pkt., 4c; oz., 50c; $\frac{1}{4}$ lb., \$1.50; lb., \$3.50, postpaid.

CAULIFLOWER

Culture—The culture for cauliflower is practically the same as for cabbage, and it can be grown both in the spring and fall. For early crop sow seed in hotbed in January or February. Seed for the late crop should be sown in May or June, transplanting same as late cabbage. When the heads are about two inches across, gather up the outer leaves and tie. This will protect and blanch the heads, making them of much better quality.



Early Snowball

Early Snowball—We believe this to be the best variety in existence. It is early, of dwarf compact growth and sure to produce fine heads. Very much depends on the quality of Cauliflower seed. We handle only the best. Danish-grown seed from a well known, reputable grower, which we confidently recommend. Pkt., 25c; oz., \$2.00; $\frac{1}{4}$ lb., \$5.00; lb., \$15.00, postpaid.

CARROTS

Culture—One ounce is sufficient for one hundred feet of drill; two to four pounds to the acre. Carrots ought to be sown in light, fertile soil, which has been heavily manured the previous year. Sow in drill one-half inch deep; rows from 18 inches to two feet apart, thin out to two to three inches apart. Sow as early as the ground can be worked for the early crop; for late crop, sow in July.

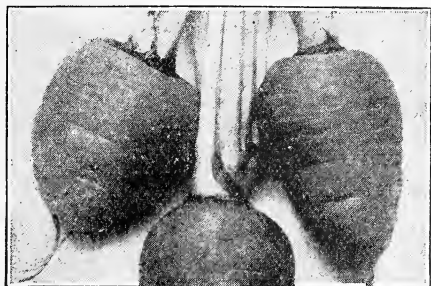
Orange Danvers Half Long—Broad shouldered, cylindrical, admirable in color. Always a favorite because reliable and attractive in form, color and weight. Most popular sort. Pkt., 4c; oz., 12c; $\frac{1}{4}$ lb., 30c; lb., 90c, postpaid.

Oxheart or Guerande—One of the most popular and best croppers among the short carrots. The shape is particularly desirable for heavy soil. The true type is about four and one-half inches long and three and one-half inches thick at the shoulder. It tapers slightly to the bottom, and is very stump rooted. Pkt., 4c; oz., 12c; $\frac{1}{4}$ lb., 30c; lb., 90c, postpaid.

Chantenay—One of the best carrots for all purposes. Roots about six inches long, blunt pointed, smooth, fine grained and sweet, a heavy yielder. Pkt., 4c; oz., 12c; $\frac{1}{4}$ lb., 30c; lb., 90c, postpaid.

CARROTS

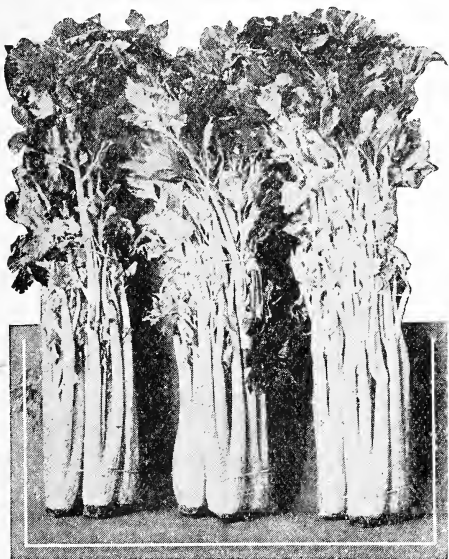
See Page 6 for Description



Oxheart

CELERY

Golden Self-Blanching—The best market variety especially for early summer. The plant is naturally golden-yellow (both stem and leaves, but needs to be blanched to make it brittle and fit for table use. Forms a rather small bunch. Pkt., 8c; oz., 75c; ¼ lb., \$2.00, postpaid.



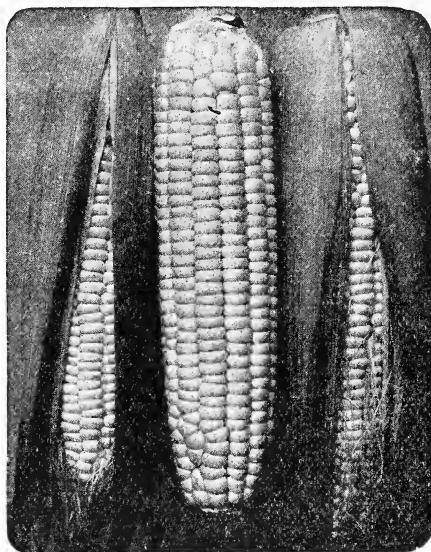
Golden Self Blanching

COLLARDS

Georgia Southern—Plant 2 to 3 feet high, forming a cluster of tender undulated leaves at the top of its rather long stem; used as greens. Pkt., 4c; oz., 12c; ¼ lb., 35c; lb., \$1.00, postpaid.

SWEET CORN

Extra Early Adams—This is not a Sugar Corn, but is earlier. The ears are short, 12-rowed, and while in condition for roasting cannot be told from Sugar Corn. It will stand earlier planting than Sweet Corn and is a favorite wherever worms work badly on early corn. Pkt., 8c; lb., 25c, postpaid.



Golden Bantam

Golden Bantam—Early; golden yellow in color and of highest quality. Ears 6 to 7 inches long, 8 rowed, bearing from 2 to 4 ears to a stalk. Pkt., 8c; lb., 30c, postpaid.

Country Gentleman—An especially fine quality corn, cob small, white and densely covered with long slender white grains without row formation. Pkt., 8c; lb., 30c, postpaid.

Truckers Favorite—A splendid early white Corn coming in directly after Adams Early, but much larger. Has a deep white soft grain. Pkt., 8c; lb., 25c, postpaid.

CUCUMBERS

Improved Early White Spine—Vines vigorous, fruiting early and abundantly. Fruit good-sized, straight and smooth. Splendid for table use and especially desirable for pickles. Pkt., 4c; oz., 12c; ¼ lb., 35c; lb., \$1.00, postpaid.

Improved Long Green—Uniform in size, straight, smooth, and deep green in color. A great favorite for slicing. Pkt., 4c; oz., 12c; ¼ lb., 35c; lb., \$1.00, postpaid.

Improved Chicago Pickling—Meets the most exacting requirements of critical pickle makers. Vines healthy and very productive. Fruit the right size, shape, color and quality. Pkt., 4c; oz., 8c; ¼ lb., 30c; lb., 85c, postpaid.



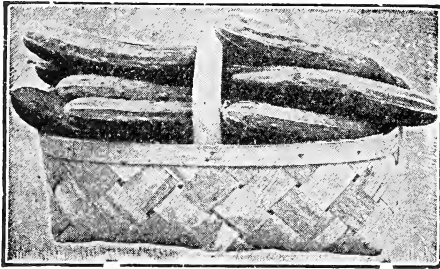
Improved Chicago Pickling

CUCUMBERS

Early Fortune—Early, good dark color and prolific. Fruits average about 10 inches. Pkt., 4c; oz., 12c; $\frac{1}{4}$ lb., 35c; lb., \$1.00, postpaid.

Arlington White Spine—One of the most popular White Spine sorts. The fruits are very uniform, averaging 7 to 8 inches. It is extra early and very prolific. Pkt., 4c; oz., 8c; $\frac{1}{4}$ lb., 30c; lb., 90c, postpaid.

Extra-Long White Spine, or Evergreen—A fine strain; smooth, frequently 10 inches long; round, handsome, very regular. Pkt., 4c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.25, postpaid.

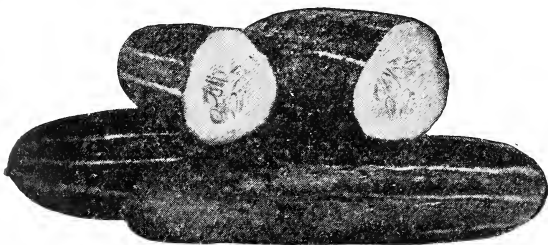


Kirby Stay Green

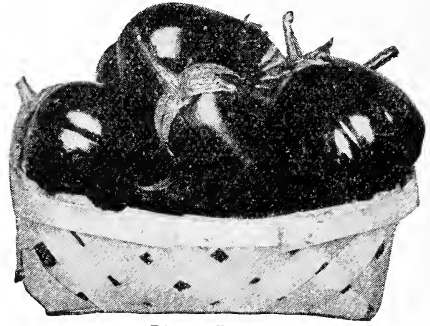
Kirby Stay Green—"Kirby" is the earliest of the White Spine type; fruit seven to eight inches long, cylindrical in shape. Color a beautiful dark green from stem to blossom end, which is retained longer than any variety we know of. Vigorous grower, enormous yielder, shipping quality unexcelled, and always commands the highest market price. Pkt., 8c; oz., 12c; $\frac{1}{4}$ lb., 45c; lb., \$1.25, postpaid.

Burrell's Earliest of All—Earlier than any other strain of white spine and as well colored as any cucumber grown. The fruit is 6 to 7 inches long, very dark green with pale green stripes about one-third the length from the blossom end. Pkt., 4c; oz., 12c; $\frac{1}{4}$ lb., 30c; lb., 90c, postpaid.

Clark's Special—This special strain developed a period of years for critical market garden trade has outstanding merits as a main crop Cucumber. First, it is a good shipper and will hold its color and firmness when handled over long distances. Second, it has a very attractive deep green color, being the darkest green Cucumber that we know on the market today. Third, it is uniform in length, running from 8 to 10 inches, and smooth in appearance, having very few white spines. On account of its small seed pockets it is of excellent quality for slicing. Pkt., 4c; oz., 12c; $\frac{1}{4}$ lb., 30c; lb., \$1.00, postpaid.



Evergreen White Spine



Black Beauty

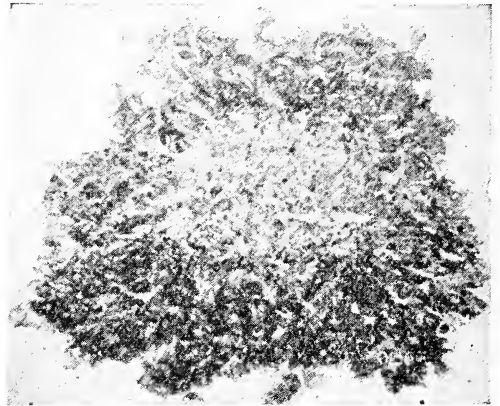
EGG PLANT

Black Beauty—Rich dark purple, large and symmetrical, maturing a little earlier than our Improved Large Purple, but usually not quite as large. Very desirable for the market, as the fruit holds its color for a long time. Pkt., 4c; oz., 50c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00, postpaid.

Improved Large Purple (Spineless)—This variety is a general favorite both for market and home garden. The plant is spineless, large and spreading, with light green foliage. It usually produces four to six large, oval fruits of a splendid dark purple color. The vigor and productiveness and fine quality of the fruit makes it a most profitable variety for market gardening. Pkt., 4c; oz., 50c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00, postpaid.

ENDIVE

Culture—Same as Lettuce. Seed may be sown anytime during the year. When plants are well started, thin out to 10 inches apart or they may be transplanted. One ounce will sow 100 foot row.



Green Curled Summer Endive

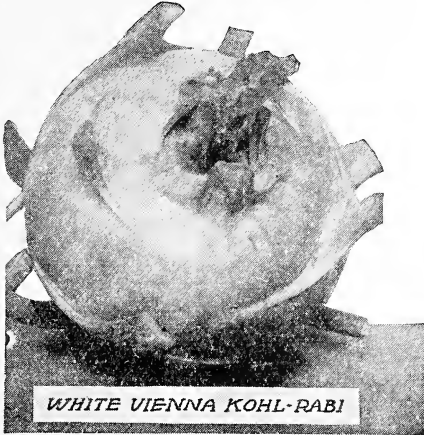
Large Green Curled—Has very curly leaves, the mid-ribs being white and whitish, and the outer edges very much indented and crested. A very attractive plant and one of the best varieties. Pkt., 4c; oz., 12c; $\frac{1}{4}$ lb., 35c; lb., \$1.00, postpaid.

Ever White Curled—The plants are moderately dense, with divided leaves, which are very light yellowish-green in color, even the outer ones being very light. This variety blanches readily to an attractive creamy white. Pkt., 4c; oz., 12c; $\frac{1}{4}$ lb., 35c; lb., \$1.00, postpaid.

KALE

Dwarf Curled Scotch—A finely curled, spreading, low growing variety, very hardy and much used for greens. This sort sometimes called Norfolk, is grown extensively in the South for shipment, and is largely planted for the home garden. The leaves are long, and attractive bright green. This sort is often used for garnishing. Pkt., 4c; oz., 8c; ¼ lb., 30c; lb., 90c, postpaid.

KOHL RABI



WHITE VIENNA KOHL RABI

Early White Vienna—A turnip-like bulb, formed above ground, combining somewhat the flavor of cabbage and turnips. The bulb is large enough to be used in 10 to 12 weeks from time to sowing, and is most tender and deliciously flavored before fully matured. Pkt., 4c; oz., 20c; ¼ lb., 60c; lb., \$2.00, postpaid.

Large Green—This sort is also called Large White. It is hardy, quite late, and used for feeding stock. Bulbs large, weighing 8 to 10 pounds when fully grown; whitish green in color, leaves large and very numerous. Pkt., 4c; oz., 20c; ¼ lb., 60c; lb., \$1.75, postpaid.

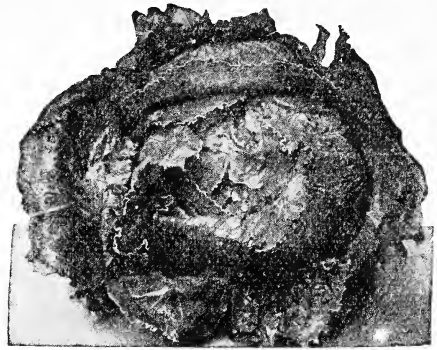
LETTUCE

Culture—As lettuce will stand considerable freezing, it may be seeded or transplanted out of doors as soon as the soil can be worked in the spring. For a succession, sow every three weeks. It requires rich, moist soil, clean and thorough cultivation. One ounce will produce about 1,000 plants.

Early Prize Head—Forms a mammoth plant, in which even the outer leaves are crisp and tender; color bright green tinted with brownish-red. It is of superb flavor and very hardy. Pkt., 4c; oz., 12c; ¼ lb., 35c; lb., \$1.00, postpaid.

Satex Special New York—(The standard head lettuce grown so largely in California and misnamed by the produce trade as Iceberg). Produces immense heads as solid as a cabbage. The interior is beautifully blanched, creamy-white, crisp, delicious and very tender. It is a very strong, robust growing variety. The outer leaves are attractive deep green, broad, frilled at edge. Pkt., 4c; oz., 20c; ¼ lb., 60c; lb., \$1.75, postpaid.

Big Boston—50 Days. A popular market variety used largely in the South to grow winter lettuce for the northern markets. A light-green cabbage variety, slightly tinged with brown in the head. Has a fine golden buttery head. Pkt., 4c; oz., 12c; ¼ lb., 35c; lb., \$1.00, postpaid.



Satex Special New York

Hanson—A fine large-heading variety. Leaves curled on the edges, light yellowish-green in color. The head is crisp and brittle and flavor excellent. Stands warm weather extremely well. Pkt., 4c; oz., 12c; ¼ lb., 40c; lb., \$1.00, postpaid.

Cos—Forms oblong heads of large size. Considered by many as superior to any other kind. An entire distinct type of lettuce. Sometimes called Romaine Celery Lettuce. Pkt., 4c; oz., 15c; ¼ lb., 45c; lb., \$1.25, postpaid.

Iceberg—A large crisp lettuce, always tender. Iceberg stands hot weather remarkably. Give each head 14 inches in row. The color is light green lightly tinged with brown. Try this either for home or market garden. A little larger than Los Angeles and similar. Pkt., 8c; oz., 15c; ¼ lb., 45c; lb., \$1.25, postpaid.

New Chicken Lettuce—Here is a genuine Lettuce which will yield as much or more chicken or rabbit feed as any "greens" plant. When once cut it starts to grow again. The leaves can be pulled off each stem like a kale. Chicken Lettuce does not make a head, but sends up a stout stalk three or four feet high, just loaded with leaves. Pkt., 4c; oz., 15c; ¼ lb., 45c; lb., \$1.25, postpaid.

MUSTARD

Southern Giant Curled—30 days. Leaves are large, light green with tinge of yellow, much crimped and frilled at edges. Plant is upright and slightly spreading in growth. This variety is highly esteemed in the South for the market, as well as for the home garden on account of its vigorous growth, hardness and good quality. Pkt., 4c; oz., 8c; ¼ lb., 25c; lb., 60c, postpaid.

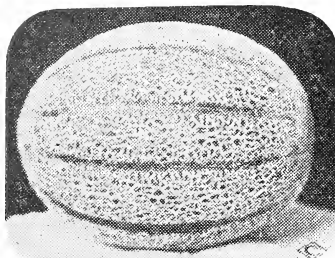
Large Smooth-Leaved—30 days. An excellent sort with very large, light green, plain or comparatively smooth leaves, borne well above the ground. This sort is preferred by many, as it is more easily prepared for the table than the rougher-leaved varieties. Pkt., 4c; oz., 8c; ¼ lb., 25c; lb., 60c, postpaid.

Chinese—Leaves twice the size of White English; sweet and pungent. Pkt., 4c; oz., 8c; ¼ lb., 25c; lb., 60c, postpaid.

SALT—SALT

| | |
|---|-----|
| 25-lb. sacks Fine Salt, each..... | 35c |
| 100-lb. sacks Fine Salt, each..... | 95c |
| 100-lb. sacks Stock Salt, each..... | 85c |
| 50 lbs. Block's Sulphur Salt, each..... | 60c |
| 50 lbs. Block's Plain Salt, each..... | 50c |
| 100-lb. sacks Ice Cream Salt, each..... | 85c |

MUSKMELON



Pineapple

vor. Pkt., 4c; oz., 8c; 2 ozs., 15c; $\frac{1}{4}$ lb., 30c; lb., \$1.00, postpaid.

Burrell's Superfecto—A muskmelon that has become very popular in the last few years. An almost round, heavily netted, slightly ribbed melon. A good shipper. Pkt., 4c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.00, postpaid.

Pineapple—One of the largest and sweetest varieties on the market. It is deep ribbed and heavily netted. It is twice as large as the Rocky Ford. The flesh is deep green, and of a most excellent flavor. Pkt., 4c; oz., 15c; 2 ozs., 25c; $\frac{1}{4}$ lb., 40c; lb., \$1.25, postpaid.

Honey Dew—The delicious honey-like flavor of this new melon has met with instantaneous public favor and created a sensation wherever used. The fruit is of large size, weighing 8 to 10 pounds each. The rind is perfectly smooth and cream colored. The flesh is from $1\frac{1}{2}$ to 2 inches thick, light green in color, very sweet and juicy. Pkt., 8c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50, postpaid.

Casaba-Golden Beauty—Golden Beauty is bright yellow, about globular, with wrinkled skin, slightly pointed at stem end. The fruits are about 6 to 8 inches in diameter. The flesh is pure white and very thick. Pkt., 4c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$1.75, postpaid.

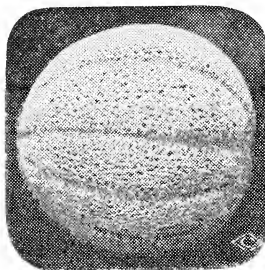
Honeyball—It is the result of a cross between Texas Cannon Ball Cantaloupe and California Honey Dew Casaba. Resist sun scald better than most melons; a little larger in size than Rocky Ford; round and has thick wall of delicious green meat clear to the rind; small seed cavity, high sugar content and delicious flavor; a splendid shipper. Pkt., 8c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50, postpaid.

Burrell's Gem—An excellent small melon of the Netted Gem type; somewhat later than that variety and a fourth larger; fruit oblong, distinctly but not deeply ribbed and well netted; flesh deep salmon, of fine quality. Pkt., 4c; oz., 12c; $\frac{1}{4}$ lb., 40c; lb., \$1.10, postpaid.

Pollock's No. 25—Best described as a salmon fleshed Rocky Ford, being identical in every way except color of flesh. It is rapidly superseding the green fleshed variety in the large melon growing districts of the South and West. Pkt., 4c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.25, postpaid.

Rocky Ford, or Netted Gem—The most largely cultivated variety in use. Grown in great quantities in Colorado. Fruit is slightly oval, finely netted and slightly ribbed. Flesh thick, green, very sweet and of fine quality, and high flavor.

Texas Cannonball Cantaloupe—Medium in maturity and size and of flattened, rounded shape. In flavor it is a first-class, and its dense netting makes it almost sun and insect proof, this being an immense advantage where insects are troublesome and melons liable to sunscald. Is almost all meat, seed cavity small. Pkt., 4c; oz., 12c; $\frac{1}{4}$ lb., 40c; lb., \$1.10, postpaid.



Rocky Ford

Extra Select Rocky Ford—70 days. This seed is selected out of hand-selected fruit and is superior to the ordinary run. Flesh light green and of a delicate spicy flavor. Melon well ribbed and netted. No strain of Rocky Ford is better than this, which we offer as Extra Select. Pkt., 4c; oz., 20c; $\frac{1}{4}$ lb., 70c; lb., \$2.00, postpaid.

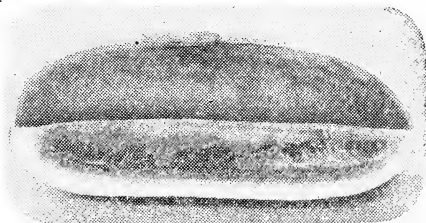
WATERMELON

Gypsy or Georgia Rattlesnake—The melon is long, smooth, distinctly striped with light, mottled and wavy dark green stripes. Flesh bright scarlet and very sugary. Pkt., 4c; oz., 8c; $\frac{1}{4}$ lb., 25c; lb., 65c, postpaid.

Halberts Honey—Fully equal to Kleckley's Sweet, which it resembles. It is more even in outline, is blunter at the end, and the skin is of a richer, darker color. Pkt., 4c; oz., 8c; $\frac{1}{4}$ lb., 25c; lb., 65c, postpaid.

Wonder Melon—Here is a watermelon that every grower in the South will plant sooner or later. In quality of flavor there is nothing that will compare with it. A large and long melon resembling the Tom Watson. The rind is rather thin, but tough, cutting a big red heart of the finest melon meat you have ever tasted. White seed, with few to the melon. Pkt., 4c; oz., 8c; $\frac{1}{4}$ lb., 30c; lb., 90c, postpaid.

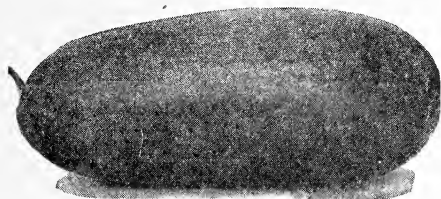
Dale—This splendid large melon is oblong in shape. The tough skin is a dark green color irregularly striped with lighter green. Flesh is dark red in color, fine grained, sweet and luscious. White Seed. An excellent shipper. You will find our strain of this excellent melon to be the best. Pkt., 4c; oz., 12c; $\frac{1}{4}$ lb., 40c; lb., \$1.00, postpaid.



Kleckley Sweet

Kleckley Sweet—80 days. A very desirable variety for the home garden or nearby markets. Fruit medium-sized, oval, and skin dark green, flesh bright red and sweet. Skin is brittle. It is the very sweet, honey-like flavor that makes it especially distinct from all other varieties. Pkt., 4c; oz., 12c; $\frac{1}{4}$ lb., 40c; lb., \$1.00, postpaid.

Florida Favorite—Fruit long, dark green, mottled and striped with a lighter shade. Rind thin but firm. Pkt., 4c; oz., 8c; $\frac{1}{4}$ lb., 25c; lb., 65c, postpaid.



Tom Watson

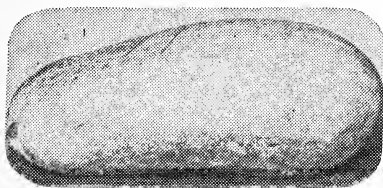
Tom Watson Special—85 days. Long, dark green. More tracery on skin than Kleckley sweet, and longer. Fine variety, cream-brown seed, flesh deep red, finest flavor, no core. Often weighs from 50 to 60 pounds to the melon. One of the most popular shipping melons on the market. Pkt., 4c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.

New Excel—85 days. Fruit long and of mammoth size. Skin a solid green. Rind thick and tough. Meat blood-red. Contains less seed than usual. This excellent melon stands dry weather better than any melon on the market, and will make larger melons in drought than the Tom Watson. The flesh is very sweet. Pkt., 4c; oz., 8c; ¼ lb., 25c; lb., 75c, postpaid.



Wonder Melon

Alabama Sweet—80 days. A very large, long melon of excellent quality; popular in the South, where it is grown extensively for shipping. The color is rather deep green, with dark, irregular striping. The rind is thin, but very tough. The flesh is bright red, fine grained and sweet. Pkt., 4c; oz., 8c; ¼ lb., 30c; lb., 75c, postpaid.



Irish Grey

Irish Grey—New. A valuable melon, producing more melons under any conditions than any other variety. Also a fine eating melon, and a grand shipper. The red flesh is very sweet and free from stringiness. The rind will not sunburn and will keep in excellent condition long after picking. Pkt., 4c; oz., 8c; ¼ lb., 30c; lb., 90c, postpaid.

Citron For Preserving—90 days. A round, light and dark-striped melon, meat greenish-white; used for preserving only. Seed red and small. Tough rind. Pkt., 4c; oz., 8c; ¼ lb., 25c; lb., 75c, postpaid.

OKRA OR GUMBO

Culture—One ounce will sow 50 feet of drill. Sow from March to July, one inch deep in rows four feet apart for the tall and three feet for the dwarf; thin out to a foot apart.

White Velvet—Round, white, smooth pods of extra large size produced in great abundance. Pkt., 4c; oz., 8c; ¼ lb., 20c; 50c, postpaid.

Perkin's Mammoth Long Pod—This variety is about three feet high, very early and productive. The pods are deep green, very long, slender, slightly corrugated, very tender and of good quality. This a desirable market as well as home garden sort. Pkt., 4c; oz., 8c; ¼ lb., 20c; lb., 50c, postpaid.

ONION SETS

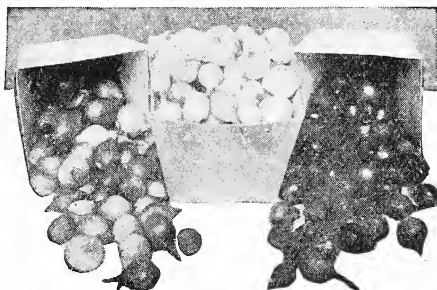
Culture—Plant four inches apart in rows half an inch deep, and one foot between the rows, when cultivated by hand. Do not cover the sets entirely. All varieties can be set out in the fall as well as in the spring. One pound plants a 60-foot row.

Red Bottom Setslb., 30c, Bu. \$4.00

White Bottom Setslb., 30c, Bu. 4.50

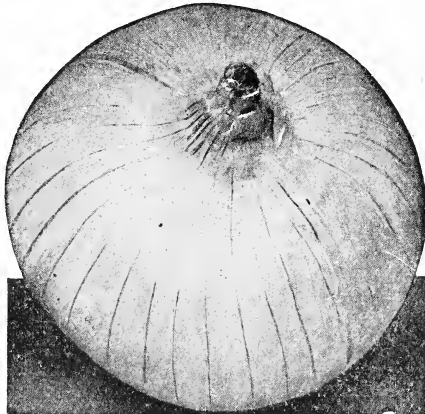
Yellow Bottom Seslb., 30c, Bu. 4.00

Pounds postpaid, bushels f. o. b. San Antonio.



ONION SEED

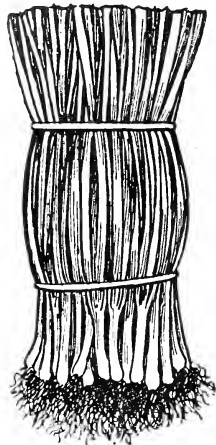
Culture—Sow seed from August to September. To make large onions from seed, as soon as the plants are as large as a goose quill, transplant four inches apart in 18-inch rows; this will increase the yield and make large onions. Five pounds will plant an acre.



Crystal White Wax

Crystal White Wax—This is the waxy white onion seen in our market in the early spring, and it is one of the most beautiful onions on the market. It is absolutely pure white, of the finest flavor, and will always command a premium on the market. Pkt., 8c; oz., 50c; ¼ lb., \$1.50; lb., \$4.00, postpaid.

White Or Yellow Bermuda—This is the standard variety, and is grown very largely among the large Texas onion growers. It is more hardy, less affected by disease, and more prolific than the other onions. Pkt., 4c; oz., 25c; $\frac{1}{4}$ lb., 85c; lb., \$2.50, postpaid.



ONION PLANTS

NO PLANTS SHIPPED

C. O. D.

Crystal White Wax or Yellow Bermuda

| | |
|-------------|-----------------|
| 100 | postpaid \$.30 |
| 500 | postpaid 1.00 |
| 1,000 | postpaid 1.75 |

If you prefer to pay express charges, offer Onion Plants f. o. b. shipping point.

| | |
|--------------|---------------|
| 1,000 | \$1.25 per 1M |
| 6,000 | 1.00 per 1M |
| 12,000 | .90 per 1M |
| 30,000 | .80 per 1M |

Write for prices on Pepper, Tomato, Eggplant and Cabbage Plants.

PARSLEY

Plain Or Single—A very hardy variety. The leaves are flat and not curled. The best flavored variety. Pkt., 4c; oz., 8c; $\frac{1}{4}$ lb., 25c; lb., 75c, postpaid.

Champion Moss Curled—A very finely curled, green and very ornamental variety. Pkt., 4c; oz., 8c; $\frac{1}{4}$ lb., 25c; lb., 75c, postpaid.

PARSNIP



Hollow Crown

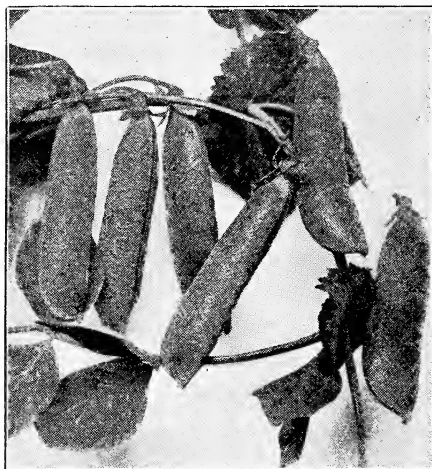
Hollow Crown—An excellent variety for the table. The roots are long, with smooth, white skin, uniform in shape, tender and of the best quality. The variety is easily distinguished by the leaves growing from the depression on top or crown of the root. Pkt., 4c; oz., 8c; $\frac{1}{4}$ lb., 20c; lb., 65c, postpaid.

GARDEN PEAS

First and Best—One of the earliest tall varieties, with smooth, round peas, which ripens almost at one time. Grows two to two and one-half feet high, seed yellow-white, pods straight, short and well filled. Quality best of the smooth-seeded early varieties. Pkt., 8c; lb., 30c, postpaid.

Thomas Laxton—Excepting color of foliage and pods, in growth this is identical with the Gradus, two or three days later, but much more productive. Pkt., 8c; lb., 35c, postpaid.

White Marrowfat—A very heavy yielding late variety. Pods large and well filled. The dry peas are of large size and excellent for cooking. Pkt., 8c; lb., 35c, postpaid.



Alaska

Alaska—A blue pea of excellent quality. The earliest of all the blue sorts. A desirable early pea for market gardeners, growing from 2 to $2\frac{1}{2}$ feet and very productive. Pkt., 8c; lb., 30c, postpaid.

Landreth's Extra Early—A critical gardener wants the best strain as respect earliness, size of pod. Flavor, uniformity of ripening, vigor and uniformity in habit of the plant. All these desirable qualities can be found in this pea. This type will produce peas fit for table in 44 to 50 days, according to soil and climatic conditions of the season of their growth. Pkt., 8c; lb., 35c, postpaid.

Bliss Everbearing—An old standard late, main crop variety. Height 3 feet. Vine and foliage sturdy and strong, dark green; pods usually in pairs, medium green, 3 inches long, straight and pointed, containing 4 to 5 light green peas of good quality; matures following Telephone. Pkt., 8c; lb., 35c, postpaid.

Laxtonian—A dwarf pea with large handsome pods. It is slightly earlier than Gradus maturing about the same time as Thomas Laxton. Vines medium dark green and medium heavy of foliage. Pods $3\frac{1}{2}$ to 4 inches long, slightly curved. Will bear more abundantly at top of vines, making it easy to pick, very heavy yielder, altogether a fine pea for private and market gardeners. Pkt., 8c; lb., 35c, postpaid.

Canada Field—Seed small, white; for field culture only. Height 4 feet. Vine moderately stout and medium green; pods light green, $2\frac{1}{4}$ inches long, square ended, six small, light green peas in pod; matures with Telephone. Pkt., 8c; lb., 25c, postpaid.

FOR THE DAIRYMAN

Epsom Salts—Well known cathartic. Bowel regulator for stock and poultry. 1 lb., 10c; 3 lbs., 25c; 14 lbs., \$1.00; 100 lbs., \$4.50.

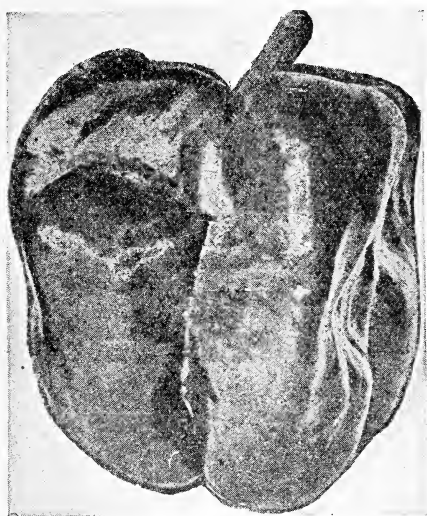
Milk Bottle Caps—Will fit any standard milk bottle. 25c lb., 10 lbs., \$2.25.

Butter Cartons 85c per 100, weight 3 lbs.; \$7.50 per 1,000, weight 30 lbs.

Butter Paper—For wrapping 1 lb., moulded butter. 35c lb.; 3 lbs., \$1.00.

Flowered Sulphur—For feeding with salt, etc. 1 lb., 10c; 10 lbs., 75c; 100 lbs., \$4.50.

PEPPER



Magnum Dulce

Worldbeater—This is without doubt, the finest introduction in peppers in ages. It is a cross between Chinese Giant and Ruby King, having the shape of the Ruby King, except that it is broader at the pointed end and almost the size of the Chinese Giant. Pkt., 4c; oz., 40c; ¼ lb., \$1.25; lb., \$3.50, postpaid.

Chinese Giant—Plant dwarf, fruit of mammoth size, very broad, but rather short. It is very late and a rather shy yielder. Popular on account of its large size and mild flavor. Our stock is pure and is as good as can be obtained. Pkt., 4c; oz., 65c; ¼ lb., \$1.75; lb., \$5.50, postpaid.

Ruby King—This variety grows to an extraordinary large size. When ripe, a handsome, bright, ruby-color; remarkably mild and pleasant to the taste. For stuffing, no other variety can equal it. Pkt., 4c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00, postpaid.

Magnum Dulce—140 days. The largest of all the Sweet Peppers, sometimes growing six to seven inches in length, and five to six inches in diameter. Very prolific. Plant about three feet high. Fruit deep green when young, crimson when fully matured. Flavor very mild. The most popular variety for market gardeners, and also for home gardens. Pkt., 4c; oz., 50c; ¼ lb., \$1.60; lb., \$5.00, postpaid.

Pimiento or Perfection—A medium early, prolific, perfectly mild variety with extremely thick flesh. On account of its thick flesh it will hold up for a long time and is an excellent sort for canning whole. Pkt., 4c; oz., 40c; ¼ lb., \$1.25; lb., \$3.50, postpaid.

HOT OR PUNGENT VARIETIES

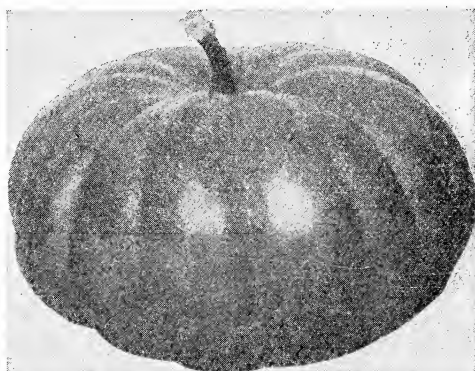
Red Chili—A rather small, bright red variety, about two inches long and pointed. The pods are used in making Chili sauce, and are very pungent and hot. Pkt., 4c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00, postpaid.

Long Red Cayenne—110 days. A strong, pungent variety, having well pointed fruit, which is bright scarlet when ripe. A very popular variety. Pkt., 4c; oz., 40c; ¼ lb., \$1.25; lb., \$3.50, postpaid.



Long Red Cayenne

PUMPKIN



Large Cheese Pumpkin

Culture—Plant from April to September in hills 8 to 10 feet apart; prepare land as you would for melons. When planted in corn, plant every fourth row at the same time you plant the corn; three pounds will plant an acre.

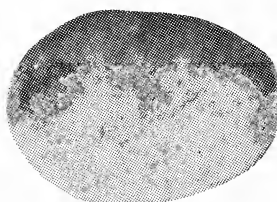
Cheese—65 days. A very good table variety. Shape flat, like a cheese box; a good keeper. Often 15 inches across the top. Pkt., 4c; oz., 8c; ¼ lb., 30c; lb., 90c, postpaid.

Kentucky Field—90 days. Sometimes called Large Cheese. A very large, flattened pumpkin, averaging about two feet through. When ripened the skin is a rich cream color. Flesh yellow and of fine quality. Pkt., 4c; oz., 8c; ¼ lb., 25c; lb., 75c, postpaid.

Pie Pumpkin—65 days. A small round, yellow sort, with fibre pinkish netting. Flesh is thick, sweet and of excellent quality. Pkt., 4c; oz., 8c; ¼ lb., 30c; lb., 90c, postpaid.

Green Striped Cushaw—70 days. Fruits very large, white crooked neck. Color, creamy white, irregularly striped or traced with green. Flesh light yellow, very thick, rather coarse but sweet. This sort is very productive and popular in some sections. Pkt., 4c; oz., 12c; ¼ lb., 40c; lb., \$1.00, postpaid.

Marrow—A very large round, flat pumpkin, brilliant vermillion orange in color, and the handsomest pumpkin in existence. The flesh is very thick and solid and is bright orange-yellow in color. The seed cavity is amazingly small and on this account there is but little seed, which means that it will never be a cheap variety. Pkt., 8c; oz., 15c; ¼ lb., 45c; lb., \$1.25, postpaid.

GENUINE MAINE GROWN
SEED POTATOES

tiful bright red color. It is very hard, and not susceptible to disease. Peck, 90c.

Bliss Triumph or Red Bliss—This is the most standard red variety in the Southern States. It is very early and matures quickly. The potatoes are round and uniform in shape, eyes slightly depressed and a beautiful bright red color. It is very hard, and not susceptible to disease. Peck, 90c.



Irish Cobbler

Irish Cobblers—This variety is one of the most reliable and popular of the early varieties. It is of handsome creamy-white color and of excellent quality, making it most desirable for the best trade. It is a vigorous grower, ripens uniformly and a good keeper; in short, one of the best all-around early potatoes on the market. Peck 90c.

RADISH

Early Scarlet Turnip, White Tipped—One of the most popular and attractive short varieties. It is globe shaped, bright rose carmine with bottom and tip clear white. Stems and leaves are small. Very valuable for forcing, as well as for the garden and market. Pkt., 4c; oz., 8c; 2 ozs., 15c; ¼ lb., 20c; lb., 60c, postpaid.

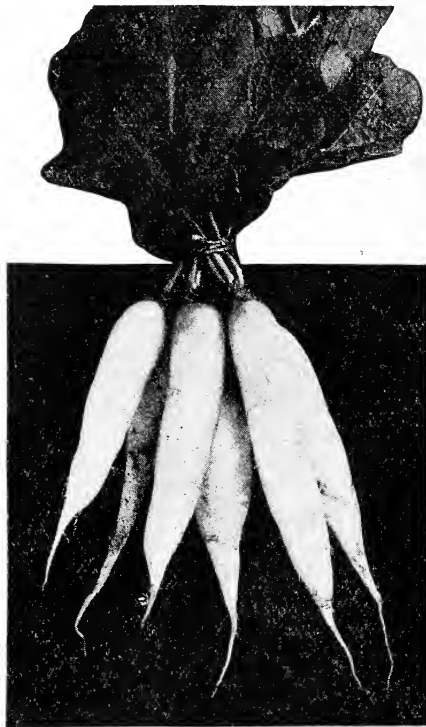
French Breakfast—A quick growing, small, olive-shaped radish about one and one-half inches long by five-eighths to three-fourths of an inch in diameter when fully grown. The color is beautiful deep rose scarlet except a little clear white about the tip. This is an excellent variety for planting outdoors for the home garden. Its small tops and earliness make it also desirable for growing under glass. Pkt., 4c; oz., 8c; 2 ozs., 15c; ¼ lb., 25c; lb., 75c, postpaid.

Wonderful Half-Long Scarlet—23 days. So rapid in growth as to develop perfectly in 23 days. Grows about 2½ inches long, contrasting from a broad shoulder to a sharp point; very symmetrical and uniform in shape; color a bright scarlet, and altogether a gem. Pkt., 4c; oz., 12c; ¼ lb., 30c; lb., 90c, postpaid.

Chartier Or Shephard Radish — A variety of Long Scarlet. Deep crimson at top, almost white at bottom. Pkt., 4c; oz., 12c; ¼ lb., 30c; lb., 90c, postpaid.

Scarlet China—One of the best of the winter varieties. The roots are cylindrical, or largest near the bottom, stump rooted or blunt at both ends. The skin is smooth and of a bright deep rose color. Pkt., 4c; oz., 8c; ¼ lb., 25c; lb., 75c, postpaid.

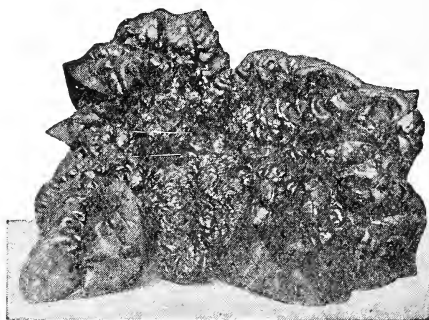
Long White Vienna—A very fine, long, white variety; quick growing and ready for use when very young. The flavor is mild and sweet. Pkt., 4c; oz., 12c; ¼ lb., 30c; lb., 90c, postpaid.



White Vienna

Long Black Spanish—70 days. One of the latest and hardiest long garden radishes; especially adapted for winter use. The roots are long, thick, almost black, somewhat wrinkled. The flesh is white, of firm texture, decidedly pungent, but well flavored. The roots when matured are usually seven to nine inches long by two or three inches in diameter at the thickest part. Pkt., 4c; oz., 12c; ¼ lb., 30c; lb., 90c, postpaid.

SPINACH



Bloomsdale

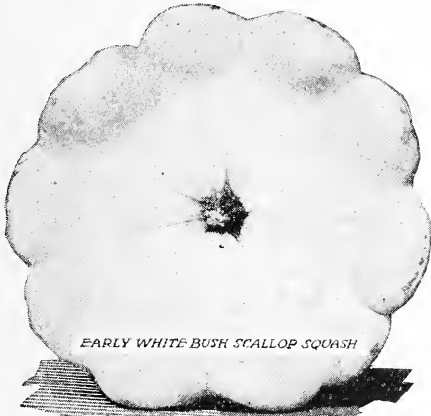
Bloomsdale—40 days. As an autumn sort it is superior to all others; but in the spring is inclined to shoot early. The leaves are twisted and bloated, giving them, when ready for shipment, an elasticity adapting them for transportation to long distances and at the same time giving the crop large measuring qualities. Pkt., 4c; oz., 8c; ¼ lb., 15c; lb., 35c, postpaid.

SPINACH

New Long Standing Bloomsdale—Has all the good points of the above, in addition, it will withstand the summer heat and does not go to seed. Pkt., 8c; $\frac{1}{4}$ lb., 20c; lb., 40c, postpaid.

Broad-Leaved Flanders—One of the most vigorous and strong growing varieties. The leaves are nearly round, uniformly deep green, quite thick and slightly crimped in the center. Pkt., 4c; oz., 8c; $\frac{1}{4}$ lb., 15c; lb., 35c, postpaid.

SQUASH



EARLY WHITE BUSH SCALLOP SQUASH

Early White Bush Scallop—50 days. A very early variety, with flat, creamy white scalloped squashes, 4 to 6 inches in diameter. The vine is bush in habit and rather dwarf. This variety is the common "patty pan" squash. Pkt., 4c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00, postpaid.

Mammoth White Bush Scallop—60 days. An early maturing, somewhat flattened, scalloped bush squash of largest size, and the handsomest of the summer varieties for home garden and market. The vines are vigorous and productive. Pkt., 4c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.10, postpaid.

Yellow Crookneck—The well known summer variety. Fruit long, skin very fine and tender when young. Pkt., 4c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.10, postpaid.

Cocozelle, Italian Vegetable Marrow—Oblong in shape, shell dark green. Cook and serve the same as other Squash. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.10, postpaid.

TOMATO

Earliana—90 days. Very early. Habit of vine dwarf and compact. Fruit borne in clusters of from 10 to 15 in a bunch. A remarkable variety and one which is in good favor with market gardeners. Pkt., 4c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00, postpaid.

John Baer—An early variety, maturing with Bonny Best, producing fruit equally as good as Chalk's Jewel. Color, bright scarlet; good size and smooth. The seed we offer was grown from the introducer's stock. Pkt., 4c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00, postpaid.

McGee—Well known in this state on account of its heavy-bearing qualities. It will yield splendid crops when all other varieties fail. Bright crimson, solid and good flavor. Pkt., 4c; oz., 40c; $\frac{1}{4}$ lb., \$1.20; lb., \$3.50, postpaid.

Dwarf Champion—100 days. A dwarf variety, sometimes called the tree tomato on account of its upright growth and its ability to stand alone without trellising. Fruit medium-sized, smooth, uni-

form and of a purplish-carmine color. Pkt., 4c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00, postpaid.

Dwarf Stone. Claimed to be the largest dwarf tomato known, almost double the size of Dwarf Champion, and is similar in habits of growth; very popular with market gardeners and home canners. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00, postpaid.

Norton—A main-crop, scarlet-fruited variety. Very similar to Stone, of which it is a selection. Introduced by the U. S. Dept. of Agriculture for wilt resistance. Fruits are of medium size, smooth, and solid. Norton bears well and gives a good crop. Vines make a medium to heavy growth. One of the best long distance shippers. Pkt., 4c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00, postpaid.

Avon Early Tomato—This is a scarlet fruited variety of the very earliest class. It bears as quickly as Earliana, produces fruits of good size, round or slightly flattened, smooth and free from cracks and of fine quality. It is very productive and its season is longer than other first earliest. Pkt., 8c; oz., 50c; $\frac{1}{4}$ lb., \$1.50; lb., \$4.50, postpaid.

Gulf State Market Tomato—This globe-shaped purplish-pink tomato was developed from Early Detroit and is as early as that variety. It is said to be especially adapted to the Gulf States and California. The fruits are large, showing little depression around the stem, and free from cracks. Pkt., 8c; oz., 60c; $\frac{1}{4}$ lb., \$1.60; lb., \$5.00, postpaid.

Chalk's Early Jewel—95 days. A wonderful new variety in that it is early and bears continuously throughout the season. The fruit is large, smooth, uniform and well ripened clear to the stem, and the flavor and quality are especially fine. Color bright scarlet. Pkt., 4c; oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$2.50, postpaid.



John Baer

Early Detroit—A new tomato of merit; fruit smooth, uniform, nearly globe-shaped, firm and of fine quality; color purplish-pink, season early. Is a fine shipping variety. Pkt., 4c; oz., 40c; $\frac{1}{4}$ lb., \$1.20; lb., \$3.50, postpaid.

June Pink—95 days. A very early and productive pink form of Earliana. The best early pink on the market. Fruit solid and borne in profusion. Pkt., 4c; oz., 45c; $\frac{1}{4}$ lb., \$1.25; lb., \$3.75, postpaid.

Beauty (Livingston's)—A second-early large, smooth purple-fruited sort of good quality. Pkt., 4c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00, postpaid.

Early Acme—The plants are of strong and vigorous growth; very productive fruit of medium size, perfect form, round, slightly depressed at the ends, very smooth (never rough); color a glossy red, with purplish tinge; ripens all over and through at the same time. Pkt., 4c; oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$2.50, postpaid.

Stone—115 days. The best main-crop tomato for all purposes, and largely used for canning. Vine tall and prolific. Fruit smooth, large and uniform. Color bright scarlet. **Pkt., 4c; oz., 25c; ¼ lb., 75c; lb., \$2.25, postpaid.**

Yellow Plum—95 days. A small-fruited, bright golden yellow variety, very attractive; for salads or preserves. **Pkt., 4c; oz., 50c; ¼ lb., \$1.50, postpaid.**

Yellow Pear—Same as Yellow Plum, except that it is the shape of a pear and a trifle smaller. **Pkt., 4c; oz., 50c; ¼ lb., \$1.50, postpaid.**

Cooper's Special—An improved strain of Livingston's Globe. Fruit purple, globe shaped. It yields heavier than Globe and its carrying qualities are equally as good. **Pkt., 8c; oz., 65c; ¼ lb., \$2.00; lb., \$6.00, postpaid.**

Livingston's Globe—A large purple-fruited variety of excellent quality. Fruit large, very smooth and matures earlier than most main crop sorts. The average tomato is very deep, almost globe-shaped, and very solid. It is one of the leading varieties grown throughout Florida to ship North. Our stock of this important variety is of excellent quality. **Pkt., 4c; oz., 45c; ¼ lb., \$1.25; lb., \$3.50, postpaid.**

Marglobe—Tested repeatedly and approved by the United States Department of Agriculture. Is sure to be planted extensively before long. This is what the Department says about it, "Very productive, second early variety. Fruits large, smooth, meaty, red, globular. Highly resistant to wilt and somewhat resistant to blights." **Pkt., 8c; oz., 60c; ¼ lb., \$1.75; lb., \$5.00, postpaid.**

RUTABAGA

American Purple Top or Long Island—One of the best and most popular varieties, with yellow flesh. It is yellow below ground, with purple top above, and the leaves are small. A good stock-feeder or table variety. **Pkt., 4c; oz., 8c; ¼ lb., 20c; lb., 60c, postpaid.**

TURNIP

Purple Top White Globe—An early, medium-sized, globular shaped turnip of good quality for either table or stock. A heavy producer and good keeper. The flesh is white and of good eating quality while young. **Pkt., 4c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.**

White Egg—A sort forming root the shape and size of egg in an incredibly short period after sowing. Flesh always palatable. **Pkt., 4c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.**

Pomeranian White Globe—Large white variety, used largely for stock. Is globe shaped, large leaves, hardy. **Pkt., 4c; oz., 8c; ¼ lb., 20c; lb., 60c, postpaid.**

Extra Early Purple-Top Milan—An excellent medium size turnip, almost as early as White Milan, smooth white surface, purple top, flat shape, white flesh—its growth is very uniform and quality the

best. **Pkt., 8c; oz., 20c; ¼ lb., 40c; lb., \$1.25, postpaid.**

Cowhorn Turnip—This turnip grows very long, often 12 inches or more, and 2 inches in diameter and nearly half above ground. It is very popular for stock feeding, and is clear white except a little shade of green at the top. **Pkt., 4c; oz., 8c; ¼ lb., 60c, postpaid.**

Yellow Aberdeen—A large sized, round, late maturing, long keeping, yellow fleshed turnip. It is hardy, productive, and valuable for stock feeding. The roots are yellow with purple top. The flesh is pale yellow, firm, tender and sweet. **Pkt., 4c; oz., 8c; ¼ lb., 20c; lb., 60c, postpaid.**

Early White Flat Dutch—Strap Leaved. A medium-sized flat variety, clear white, early and of fine flavor. A fine table variety. **Pkt., 4c; oz., 8c; ¼ lb., 20c; lb., 60c, postpaid.**

Purple Top Flat Dutch—Strap Leaved. An early flat variety. White with purple top. It matures quickly and has fine grained flesh of fine flavor. It forms early a fine root, even in shape and of the best quality. **Pkt., 4c; oz., 8c; ¼ lb., 20c; lb., 60c, postpaid.**

GLADIOLI BULBS

Plant in open ground when danger of frost is past. Plant eight inches apart and cover about three inches deep.

America—One of the most popular Gladioli offered; lavender pink flowers of very large size, borne on robust stems, make delicate cut flowers. **Doz., 50c.**

Mrs. Frank Pendleton—A very early variety. The flowers are of a beautiful salmon-pink with a creamy white blotch in the throat which greatly enhances its beauty. **Doz., 75c.**

Halley—A most attractive early-blooming sort, with large well-opened flowers of delicate salmon-pink with a creamy blotch on lower petals. **Per doz., 75c.**

Peace—One of the grandest white introductions of 1912. This variety seems to produce blossoms later in the season than any other variety. **Doz., 75c.**

Mrs. Frances King—The magnificent flowers measure four and one-half inches across. A brilliant flamingo-pink, blazed with vermilion red. **Doz., 75c.**

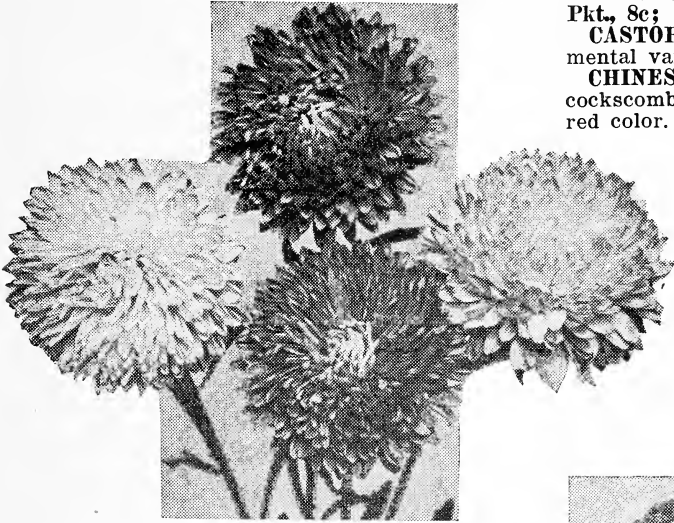
Schwaben—For size of flower and keeping qualities this Gladiolus is considered as being the best of yellows. **Doz., 75c.**



SATEX FLOWER SEEDS

All Flower Seed Postpaid.
Bulbs f. o. b. San Antonio.

ANTIRRHINUM or SNAPDRAGON—Their beautiful colors and fragrance are wonderfully pleasing. Pkt., 8c; oz., 40c.



ASTERS—Queen of the annual flowers. One of the best flowers we have for cutting and bedding. They look well either in borders or near foundation of house. Colors are bright and attractive.



| | Pkt. | Oz. |
|-------------------------|------|-----|
| Queen of the Market ... | 8c | 60c |
| American Branching | 8c | 70c |
| Globe Quilled | 8c | 50c |

BACHELOR BUT-TON—Called Corn Flower by many people. Mixed Colors. Pkt., 4c; oz., 25c.

BALSAM (Touch-Me-Not)—The many colored flowers grow along the stem, intermingled with the foliage, makes a most attractive plant.

Camelia Flowered—Double flowers all colors. Covered with white polka dots. Pkt., 8c; oz., 30c.

Rose Flowered—Double flowers all colors. Pkt., 8c; oz., 30c.

BALSAM—A rapid climber bearing small bulbs.

| | Pkt. | Oz. |
|-------------|------|-----|
| Apple | 8c | 40c |
| Pear | 8c | 40c |

CALIFORNIA POPPY—Color a bright orange yellow and white. Pkt., 4c; oz., 25c.

CALENDULA—Yellow and orange. Blooms from early summer to frost. Pkt., 4c; oz., 25c.

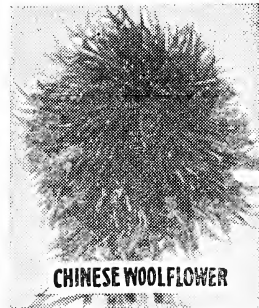
CANDYTUFT—A splendid border plant bearing clusters of flowers somewhat resembling phlox. Colors, Rose, Carmine, Lavender and White.

| | Pkt. | Oz. |
|-----------------------|------|-----|
| Empress (White) | 8c | 40c |
| Mixed | 4c | 25c |

CARNATION Marguerite—A half-hardy plant, blooming during the early summer. Fragrant. Double. Colors white and various shades of pink. Pkt., 8c; oz., 50c.

CASTOR BEANS (Ricinus)—The large ornamental variety. Pkt., 4c; oz., 25c.

CHINESE WOOL FLOWER—Dwarf. Similar to cockscomb bearing small balls of flowers of deep red color. Pkt., 8c; oz., \$1.00



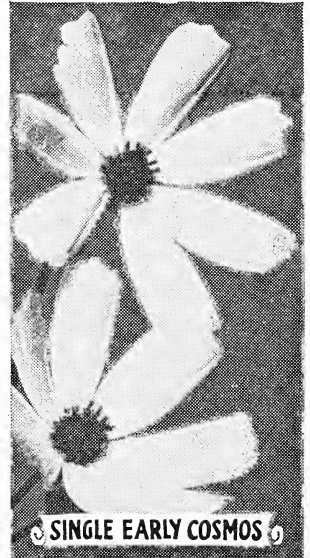
CHRY SANTHE-MUM—Large, daisy-shaped, blooms with old and beautiful arrangement of colored rings surrounding centers.

| | Pkt. | Oz. |
|------------|------|-----|
| White | 4c | 25c |
| Yellow ... | 4c | 25c |
| Mixed | 4c | 25c |

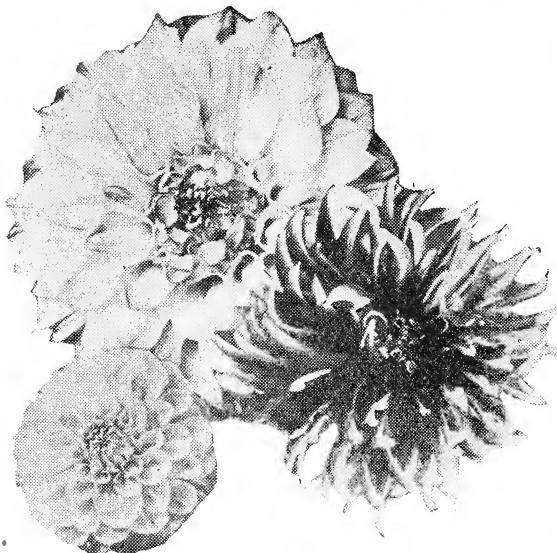
COCKSCOMB (Celosia)—Dwarf variety. Has beautiful crested head of deep rich red velvet color. Pkt., 8c; oz., \$2.00.

COSMOS—A tall, feathery, green stalk bearing daisy-like flowers in all shades of lavender, pink, red and white. Blooms all summer. Pkt., 8c; oz., 45c.

CYPRESS VINE—A very ornamental climber with fine feathery leaves bearing small red and white star shaped flowers. Pkt., 8c; oz., 30c.



We recommend
VIGORO
as a Fertilizer for flowers, also advise the use of
SNAROL
as a protection against sowbugs, snails, etc.



DAHLIA—As a rule blooms first year from seed. Each plant different. Save bulbs from worthwhile plants. Pkt., 8c; oz., 75c.

FOUR O'CLOCK—Used for hedges for a large beds for public foundation planting and places. Mixed colors. Pkt., 8c; oz., 30c.

FOR-GET-ME-NOT—A dwarf plant bearing small blue flowers. Pkt., 8c; oz., 75c.

GLOBE AMARANTH (Bachelor Button)—Also known as Straw Flower. Color white to crimson, resembling clover blossoms. Pkt., 4c; oz., 50c.

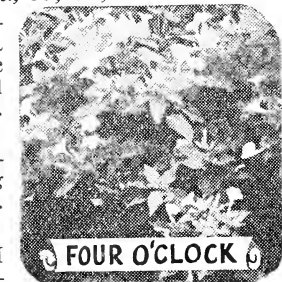
HOLLYHOCK—Splendid background for a flower garden and shows up well along the fence. Bearing open rose shaped flowers. Mixed colors. Pkt., 8c; oz., 35c.



Larkspur

MARIGOLD—A showy plant with a profusion of flowers in brilliant colors of yellow and orange. Pkt., 8c; oz., 40c.

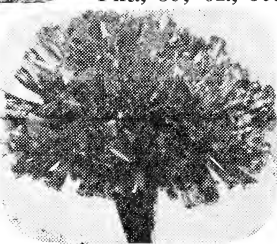
MIGNONETTE—Very fragrant. Large flowering. Pkt., 8c; oz., \$1.00.



FOUR O'CLOCK

HYACINTH BEANS—A rapid climber, blooms and pods are very ornamental. Colors, White, Purple or Mixed. Pkt., 4c; oz., 20c.

LARKSPUR—A tall branching variety bearing flowers in clusters similar to hyacinths. Colors, Blue, White, Pink. Pkt., 8c; oz., 30c.

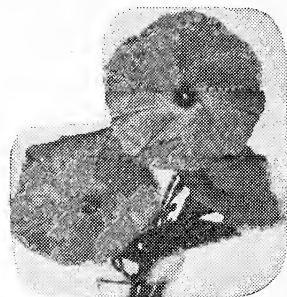


Marigold

MOONFLOWER—A very rapid climber bearing large white flowers blooming at night. Pkt., 8c; oz., 60c.

MORNING GLORY (Heavenly Blue)—A beautiful climber bearing very large blue flowers in great profusion almost hiding foliage. Pkt., 8c; oz., 90c.

MORNING GLORY (Japanese Mixed)—A very reliable climber bearing flowers in many variegated colors. Pkt., 8c; oz., 40c.



Moonflower

NASTURTIUM (Dwarf)—Used for a border along walls, paths, etc. A constant bloomer and very attractive in color. Pkt., 4c; oz., 15c.



Nasturtiums

PANSY—No description is necessary of this flower. As we all know and love it. Should be in every flower garden.

| | Pkt. | Oz. |
|-------------------------|------|--------|
| Giant Trimar-deau | 8c | \$1.50 |
| Giant Mixed | 8c | 4.00 |
| Non Plus Ultra .. | 8c | 2.50 |

PETUNIA—Their richness of color, duration of bloom and easy culture will always make them popular. Pkt., 8c; oz., 60c.



Petunia



Phlox, Drummondi Grandiflora

PHLOX (Drummondi Mixed)—A very popular annual. The flowers are brilliant and of varied colors, it blooms profusely and continuously and one of the last to succumb to the frost. Pkt., 8c; oz., 75c.

PINKS—Splendid large flowers of the most brilliant colors and markings. Constantly in bloom up to frost.

| | Pkt. | Oz. |
|--------------------------------|------|-----|
| China (Double Mixed) | 8c | 60c |
| Heddergii (Double Mixed) | 8c | 75c |

POPPY—Colors very attractive and showy.

| | Pkt. | Oz. |
|--------------------------|------|-----|
| Carnation Flowered | 4c | 20c |
| Shirley Flowered | 4c | 30c |

PORTULACA (Moss Rose)—Nothing makes a prettier display than a bed of many hued, brilliant colored Portulacas. Pkt., 8c; oz., 40c.

SALVIA (Splendens)—Flowering sage, is a very ornamental plant, flowering in spikes of a rich red color. Pkt., 8c; oz., \$1.50.

STOCKS (Ten Weeks Mixed) — Plants grow about one foot high, making a compact bush covered with splendid spikes of most brilliant colors and varieties. Pkt., 8c; oz., \$1.25.

SWEET WILLIAM—A very popular flower forming large trusses of blossoms in a great variety of eyed and variegated colors.

| | | |
|--------------|----|-----|
| Single | 4c | 20c |
| Double | 8c | 50c |

VERBENA—The most popular bedding plant. Grown from seed the plants bloom more profusely than from cuttings. Pkt., 8c; oz., 60c.

VINCA (Periwinkle)—An attractive and ornamental bedding plant. Splendid for borders.

| | | |
|-------------|----|--------|
| White | 8c | \$2.00 |
| Rose | 8c | 2.00 |
| Mixed | 8c | 2.00 |

SATEX MAMMOTH ZINNIA

Don't Fail to Order Some of These Wonderful Zinnias



You may have often passed by a bed of mammoth Zinnias, and if you will ask the owner where he procured the seed of same, he will invariably answer that he procured them from us. Our strain of Mammoth Zinnias are known all over the State, and you cannot procure seed anywhere which will give you a better strain than our mammoth variety. This strain produces flowers as large as the finest Dahlias, magnificent in petalage and of the brightest imaginable coloring.

| | | |
|--------------------------|------|-----|
| | Pkt. | Oz. |
| Double Lavender | 8c | 75c |
| Double Pink | 8c | 75c |
| Double White | 8c | 75c |
| Double Red | 8c | 75c |
| Double Yellow | 8c | 75c |
| Double Scarlet | 8c | 75c |
| Double Mixed Giant | 8c | 75c |

Giant Dahlia Flowered Zinnia—Latest development in Zinnias with flowers of enormous size and resembling the decorative Dahlia very much in shape. Mixed colors. Pkt., 20c.

Giant Picotee Type—A remarkable new and distinct class with beautiful double flowers, each petal being distinctly tipped with various shades, resembling the Picotee Carnations. Pkt., 20c; ¼ oz., 75c.

SWEET PEAS



Sweet Peas—Spencer Variety (Mixed) Sweet Peas will grow and blossom in any good garden soil. For best success sow early, as early as the ground can be worked in the spring. Regardless of the weather sow early, in trenches 4 inches deep; cover about 1 inch with soil, and fill the trench as plants grow. Set the support early and hoe often. The Spencer mixture which we offer contains a beautiful mixture of colors and of large, gracefully frilled blossoms. Superb Spencer Mixed. Pkt., 10c; oz., 30c; lb., \$2.50.

Inoculate Sweet Peas With Farmogerm

TUBEROSES

Mexican Everblooming—The most beautiful Tuberose that was ever brought to our attention. It begins to produce its fragrant flowers in June and blooms continually until frost. Plant them in good soil and water them occasionally during extreme warm weather, and an abundance of lovely flowers will be the reward. In the southern part of the state the bulbs may be left in the ground all winter. Doz., 40c; 100, \$2.00.

QUEEN'S WREATH

Antigonon Leptopus (Rosa Montana, Mountain Rose or Queen's Wreath)—A lovely flowering vine bearing most profusely immense racemes of beautiful rose colored flowers. Hardy along the coast, but inland it is liable to be killed down by frost but will come away from the ground again the next spring and quickly attain considerable height. Each, 35c and 60c.



GRANULATED PEAT MOSS

Something new which is just coming into general use. Imported Peat Moss is a brown, soft and spongy matter, formed years ago by the decay of mosses and other vegetable matter. It has high fertilizing value; holds moisture and is especially valuable for waxy lands. One bale is sufficient to cover 240 square feet one inch deep. The bale weighs approximately 180 pounds. Ideal for potting bulbs, either to be grown in water or under soil conditions. 5c per lb.; \$5.00 per bale, f. o. b. San Antonio.

FIELD SEEDS

The varieties of field seed listed are adapted to the climate conditions of Southwest Texas. They are grown for us by one of the best growers of field seeds in the state, and you will find them of the best quality and true to name.

NOTICE—Owing to the fact that a great many merchants sell country run seed to the trade, we are forced to put out two grades of grain sorghums, the **Satex Standard brand**, which is thoroughly re-cleaned and tested, and is put up for the trade who desire quality. If you desire the other grade, we can supply same at competitive prices. Quality Seeds pay in the long run, and we can recommend **Satex Standard brand** as the highest quality.

ALFALFA

Hairy Peruvian Seed—Facts you should know. It is impossible to distinguish Hairy Peruvian from other varieties of Alfalfa seed. Plant five pounds more to the acre than other varieties, must have thick stand to give you good quality hay, otherwise stems will be very woody. Plants grow taller, stems larger with hair on full length of stem; also hair on under sides of leaves. Color of leaves grayish-green, with the veins in them showing very prominent. **Lb., 35c.**

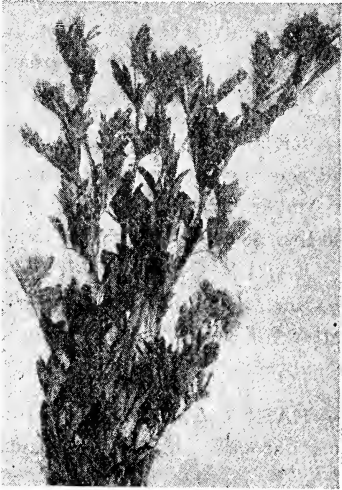
ALGERIA

A new grain, very much superior both as a grain and as a forage crop to any of the crops now being grown.

Produces in most cases from two to three times as much grain per acre as the other grains, and as much as 12 times as much fodder per acre.

It makes a large soft grain, the largest heads ever produced by any crop. The heads weighing from ¾ to 1 pound, each making as high as 8 heads to the stool.

It makes a stalk from 4 to 5 feet, with leaves about twice the size of Indian corn, and from 15 to 19 leaves to the stalk. **Lb., 20c.**



SEED CORN

Giant Strawberry—We consider this to be finest variety of corn to grow for seed. It is very productive and makes fine big ears. First-class seed of the variety is very scarce this year. **Lb., 10c.**

Hickory King—Has the smallest cob of any corn grown. Makes a very large white, flat grain and is very largely planted for roasting ears. **Lb., 10c.**

Bloody Butcher—The standard variety of large, red grain corn. Enormous yielder. **Lb., 10c.**

Sure Cropper Corn—A truly remarkable drought resisting power. As old as is the history of corn growing in the South and Southwest is the search for a corn able to hold up and make a crop on the scanty moisture which we have in so many fields at some period of almost every season. In Sure Cropper we have found that corn. **Lb., 10c**

Giant White Red Cob—Makes a very large ear of the finest corn. Grains very large, deep, wide and thick, cob red, very popular wherever tried. We recommend this as being the finest variety of White Red Cob Corn. Has a very large, deep, wide, thick grain. Grains of medium size. **Lb., 10c.**

Giant Yellow—This beautiful yellow Corn is deeply grained and very uniform in size. It is a sure cropper and good yielder. Matures in 90 to 100 days. **Lb., 10c.**

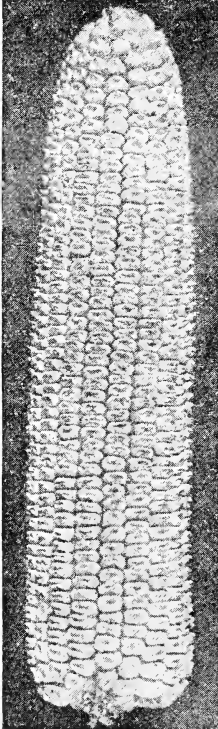
Native Squaw Corn—A drouth-resisting variety, plantable in the summer months. It has blue and white grains, therefore not so desirable by the market gardener. However, it makes a sweet and very juicy roasting ear. **Lb., 10c.**

Texas Grown June Corn—The stalks under favorable conditions grow from 7 to 8 feet high, and yields from 30 to 60 bushels to the acre. For best results it should not be planted until June or July, as it stands the hot weather better than any corn. Seed can be procured at any time after May 15th. **Lb., 10c.**

Champion White Pearl—An extra early pure white variety of dent corn. Matures in 100 days from time of planting, is very productive and the ears are exceedingly heavy. The grains are extra deep and white, and the cob is very small. A great favorite. **Lb., 10c.**

Yellow Shoepeg—An excellent long thin grained yellow variety, excellent drouth resister, matures in 90 days. An excellent variety for the dry land farmer. **Lb., 10c**

Reese Drouth Resister Corn—Our original stock seed came from Reese and besides improving same we have acclimated it, being grown on Rancho Dos Hermanos, Bexar County. It is a white early maturing, deep rooted, drouth resisting corn, with medium sized stalk; a corn that is easy to get a stand of, for it is a very hard variety and a fast grower. Reese Drouth Resister is an exceptionally deep rooted corn which roots almost straight down, with an abundant root system, permitting plowing within six inches of stalk and to a depth of six inches without disturbing the root system. It is almost impossible for a man to pull up a stalk of Reese Drouth Resister when in roasting ear. **Lb., 15c; PK., \$1.50.**



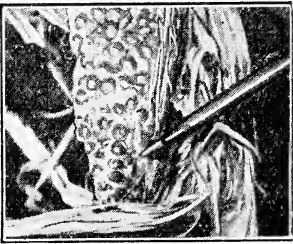
Surecropper

SAFEGUARD YOUR CORN WITH SEMESAN JR.

Ear, root and stalk rots that attack America's corn crop cause an annual loss of \$200,000,000, often destroying from 10 to 50% of an entire planting. The illustration shows how disease attacks the ear.

Fortunately through the disinfection of seed corn with **Semesan Jr.**, these diseases are not only controlled but largely prevented.

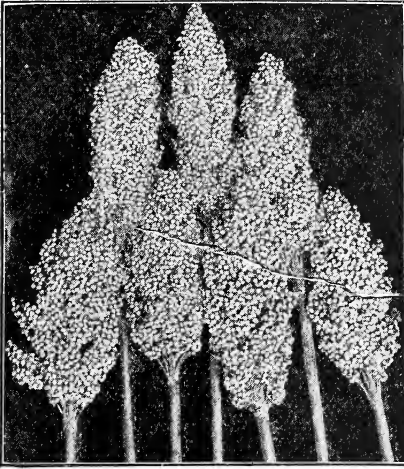
A simple dusting of seed corn saves time, money and materials in planting. Three ounces of **Semesan Jr.** will treat one bushel of seed. A cost of only 4 cents an acre of field corn and 6 or 7 cents per acre of sweet corn. Why take chances when low cost protection is available?



Diseased Ear of Sweet Corn

PRICES

| | | | |
|-------------|--------|---------------|----------|
| 4 ozs. | \$.60 | 25 lbs. | \$ 37.50 |
| 1 lb. | 1.75 | 50 lbs. | 72.50 |
| 5 lbs. | 8.00 | 100 lbs. | 140.00 |



Feterita

Feterita—The best drought-resisting non-saccharine sorghum, and pretty well known in this state. Earlier than Kaffir Corn, and a very heavy yielder. The grain is similar to Milo, but is pure white and also larger and softer. It does not shatter badly and yields as high as 80 bushels to the acre. **Lb., 10c.**

Shallu or Egyptian Wheat—This grain grows something like Broom Corn. It stools out from the root, making from 3 to 6 stalks. It has been planted in almost every section of Texas and has produced splendid crops. It is very productive, making an enormous yield of grain and fodder, and has given great satisfaction to every grower. Shallu or Egyptian Wheat should be sown in drills 3 feet apart, using from 5 to 10 pounds of seed per acre. **Lb., 10c.**

Hegari, the New Grain Sorghum—Some years ago when Kaffir Corn, Milo Maize and Feterita were introduced into the dryland farming crop catalog many people probably imagined that the limit in grain sorghum development had been reached; but that is almost certainly a mistake. We have abundant reason to hope for greater things yet. The new grain Sorghum Hegari, while it is too recent an introduction to justify settled conclusions, certainly promises in some respect, to out-merit all of its predecessors. **Lb., 10c.**

Shrock Kaffir Sorghum—This is a comparatively new grain which was originated in Oklahoma and has been planted in Texas for several years. It is claimed to be one of the finest of the sorghums for the forage and ensilage as it is quite sweet and grows an abundance of broad, long leaves. It is a wonderful grain to stool out, not unusual for one seed to send up 6 to 10 stalks each making a fine head of large, light brown grains, which make an excellent stock and poultry food, one of the best drought resisters, of the sorghum family. Our seeds are acclimated. Drill at the rate of 3 to 5 pounds per acre. **Price: Lb., 10c.**

True Darso—This wonderful sorghum is neither saccharine nor non-saccharine. It originated in what is called a "spor" stalk brought in by a farmer in 1912 to the Experiment Station at Stillwater, Oklahoma. After 8 years experimenting Dean Knight stated it was the best silage and feed crop, and the people of Coryell County, Texas, seem to indorse same, as they are rather enthusiastic about it. It will cross with other grain sorghums if planted near them. Six pounds of seeds will plant an acre. **Lb., 10c.**



Honey Drip

POPCORN

There is always a good market for Pop Corn, and every corn grower should plant it.

White Rice—This is the best variety of white Pop Corn for popping. **Lb., 10c.**

Jap-O-Rice—A newer variety. Cob small, grains long and slender. Used by nearly all commercial poppers. A really wonderful variety. **Lb., 15c.**

Queen's Golden—Produces ears in great abundance on stalks nearly six feet high. It pops perfectly white. A single kernel will expand to nearly an inch in diameter. **Lb., 15c.**

NON SACCHARINE SORGHUMS

Dwarf Straight Neck Yellow Milo Maize—This variety is the most popular Milo Maize and stands the drought well. It is earlier than Kaffir Corn and White Milo Maize, and very prolific. Stock seems to prefer it to corn, and it has a laxative effect on them, keeping them in good condition. **Lb., 10c.**

Dwarf Black Hull White Kaffir—It makes a straight upright growth and has a strong stem with enormous wide leaves. The heads form at the top of each stalk. For the grain sow in rows 3 feet apart, 3 to 5 pounds of seed to the acre. For fodder sow one-half to one bushel, either broadcast or in drills. **Lb., 10c.**

SACCHARINE SORGHUMS

Red Top or Sumac Cane—This is the most popular variety for our state, and the one is most generally planted. Seed is smaller than that of the Orange or Amber. Produces an immense quantity of fodder. **Lb., 10c.**

Early Orange—This variety has taller and heavier stalks than any variety of cane. It is not quite as early as the Early Amber, but is a better producer, and is better for syrup-making. **Lb., 10c.**

Early Amber—This is the earliest sort, and makes fine hay, which is relished by all stock. **Lb., 10c.**

Japanese Honey Drip—Known in some sections as Japanese Seeded Ribbon Cane. It makes an unusually large stalk, sometimes as large in diameter as Ribbon Cane and much taller. Yields as much as four to five hundred gallons of the very best syrup to the acre. **Lb., 20c.**

**GET OUR QUANTITY PRICE ON FIELD SEEDS BEFORE YOU BUY.
IT WILL PAY YOU.**

GRASS SEED

Sudan Grass—The great hay and forage crop. This wonderful new grass seems to be taking the country by storm. This grass has been grown very extensively in Texas the past season and has been tested out in a number of other states and the verdict is unanimous everywhere it has been grown it spells success. It seems to grow successfully on all kinds of land, stands dry weather and does not blight under ample rainfall. Sudan Grass is thought to be the original wild form of the cultivated sorghums. It is an annual, the seed having to be sown every year. It looks very much like Johnson Grass when growing but has a different root growth. Johnson Grass reproduces itself from underground root stalks as well as from the seed. Sudan Grass will not sprout from the roots after frost has killed the plant. Ranges in height from 5 to 10 feet, stems small and somewhat more leafy than Johnson Grass. Like the sorghum crops, it must be planted each spring and dies when the frost comes. **Lb., 15c.**

Rhodes Grass—A substantial grass of African origin and introduced into the United States a short time ago. Has proven since then as one of the best species for pasture or dry soil and is of great agricultural importance. It is a perennial sort which does not spread by underground root-stocks, but produces running branches which root at the joints, thereby producing new plants. It grows from 3 to 4 feet high, with a large number of very long, narrow and tender leaves. **Lb., 75c.**

Bermuda Grass—Almost everybody living in this section of the country knows this grass. It is planted as a lawn grass, and nothing will stand the sun better, or will make a prettier carpet, when kept short, than this grass. It is also very valuable as a pasture and hay grass, which therefore had to be propagated by the roots. **Lb., 60c; 10 lbs., \$5.50.**

English Rye Grass—Is largely sown by our landscape gardeners for winter lawns on Bermuda soil. The Bermuda blades being easily affected by frost, become red and rusty looking, while English Rye during winter presents a most beautiful appearance, being of a vivid green, and as the Bermuda during April and May makes its appearance it overgrows the English Rye, causing the latter to decay and act as a fertilizer to the existing grass. It should be sown from September to March at the rate of 3 to 4 bushels of seed per acre. **Lb., 25c.**

COW PEAS

Whippoorwills—Has brown, speckled seed, easily gathered on account of the upright, bushy growth of the plants. The most generally planted pea on the market, being one of the earliest and best varieties on the market. **Lb., 15c.**

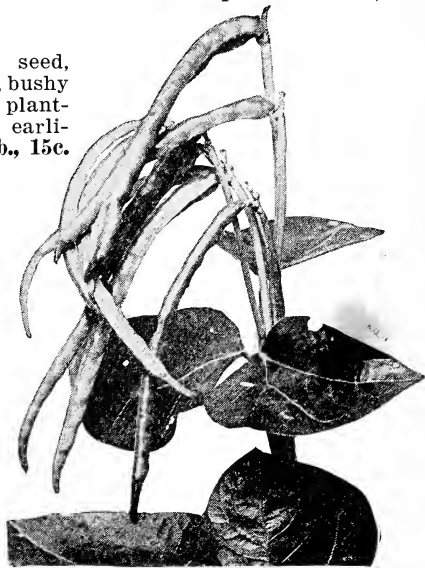
Blackeye—Grown extensively, as the dry peas find a ready market during the winter. The vines furnish excellent forage and produce large quantities. **Lb., 15c.**

Cream Peas—This is the most beautiful table Peas we have ever had the pleasure of offering our customers. It has given best satisfaction of any variety we have ever offered for table use, and very deservedly so, as there are none that can surpass it in splendid flavor. In point of yield they double the well known Blackeye, command a higher price on the market, cook quicker and are in every way superior to it as a table sort. It grows in bunch form. Peas are of a cream color **Lb., 15c.**

Pink Beans—Grown extensively as a dry bean and finds a ready market. **Lb., 15c.**

Pinto Beans—Grown mostly for a dry bean but makes a good snap bean when the pod is young and green. Pods flat and tender. **Lb., 15c.**

Brown Crowder—An excellent bearer and vines make a splendid forage. Planted extensively as a dried pea. **Lb., 15c.**

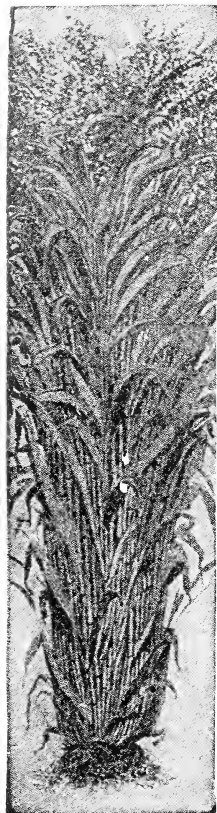


Cow Peas

PEANUTS

Spanish—The earliest variety grown, pods are small, but remarkably well filled and solid, and the yield per acre is very large. Can be cultivated with the plow. Because of its early habit and easy cultivation it is best variety to grow for fattening hogs. **Lb., 15c.**

White Jumbo—This is the standard variety for roasting. The peanuts are three times as large as those of the ordinary Spanish peanut. The nuts proper grow in fine double jointed hulls of beautiful white appearance, are from one-half to one inch in length, and of fine flavor. An excellent variety worthy of the highest recommendation. **Lb., 20c.**

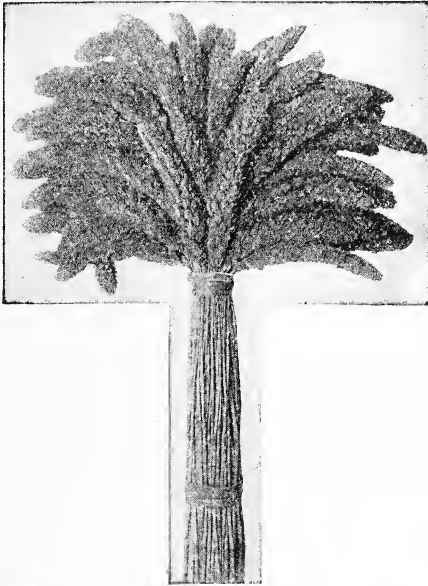


Sudan



MILLET

Fancy Big German—The most popular of all the Millet for hay or seed. It matures in six to eight weeks after planting. If wanted for hay, it should be cut while in bloom, as the hay quality decreases as soon as the seed hardens in the head. Our variety of Millet is the best and you will find it superior to any variety. **Lb., 15c.**



Hog Millet—The seed is large for a Millet and makes a rich food. Good for hogs or chickens. The seed ripens while the stem is yet green, so that if cut promptly you can get a crop of seed and also one of fodder or ensilage. **Lb., 15c.**

RAPE SEED

One of the best forage crops on the market, making excellent feed for hogs, sheep, cattle and poultry. Very similar to Collard greens, and may be cooked and eaten like Collards. Sow at the rate of three pounds to the acre.

Dwarf Essex—This is considered the most desirable variety of Rape, and should be planted on every farm and in every garden. Furnishes rich, nutritious pasture and green feed six to seven weeks after planting. **Lb., 25c.**

SUNFLOWER

Mammoth Russian—Produces very large heads sometimes 15 inches across. The seeds are valued very highly as a feed for poultry. The seed can be planted on a waste piece of ground any time in the early spring and until the middle of July. Should be sown at the rate of about three pounds to the acre. **Lb., 20c.**

SOILTEX

SOILTEX Tells What Your Soil Needs.

With Soiltex, a new quick, easy and accurate soil testing method developed at the Michigan State Agricultural College, you can determine exactly in a few minutes whether your soil is acid, and how much lime it needs. Each outfit will make 75 to 100 tests. Pocket-size Soil Testing Outfit, with color chart and lime table, **\$1.00, postpaid.**

SEED INOCULATION



WHAT FARMOGERM IS: A pure culture of nitrogen-fixing bacteria of highest quality. By reason of the patented stopper, which admits air and excludes contaminations, FARMOGERM is guaranteed for five years—always fresh—always strong and virile.

A Sensible Insurance and a Profitable Investment. We believe in inoculation, we favor the pure jelly medium, and we believe in FARMOGERM. We recommend that all legume seeds purchased from us be inoculated before planting.

(A different culture is required for each legume group, so, when ordering, be sure to state what crops you wish to inoculate.)

NEW LOW PRICES for small seeds—Clovers, Alfalfa, etc.

| | |
|-------------------------|--------|
| 1/4-bushel size | \$0.35 |
| 1/2-bushel size | .60 |
| 1-bushel size | 1.00 |
| 2 1/2-bushel size | 2.25 |
| 10-bushel size | 8.00 |

Special Reduced Prices on Cultures for large-size Seeds, Soy Beans, Cowpeas, Peas, Vetches, etc.

| | |
|-----------------------|--------|
| 1/2-bushel size | \$0.35 |
| 1-bushel size | .60 |

Special Garden Size for Garden Peas, Beans, and Sweet Peas, 25c.

STIM-U-PLANT



PLANT FOOD IN TABLET FORM

The modern efficient and scientific method of fertilizing all kinds and condition of growing plants in home garden, orchard and on farms.

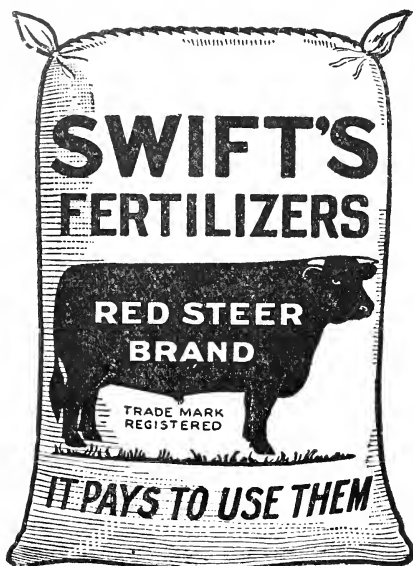
Stim-U-Plant—Is a 26-grain tablet with a guaranteed chemical analysis of 11% Nitrogen, 12% Phosphoric Acid and 15% Potash. No other plant food contains anything like as high an analysis as this.

1. They give an exact feeding unit.
2. No messy mixing.
3. No unpleasant odor.
4. Maximum efficiency because no food-value lost in scattering, leaching, or run-off of soil surface-water.

5. Makes repotting of plants unnecessary as it replaces the food withdrawn by the growing plant.

Stim-U-Plant tablets are packed in four sizes:

- *Trial Size, 15 cents. Containing 10 Tablets
- *Small Size, 25 cents. Containing 30 Tablets.
- *Medium Size, 75 cents. Containing 100 Tablets.
- *Bucket, \$3.50. Containing 1,000 Tablets.



SWIFT'S FERTILIZERS

NOTE—Prices on all fertilizers are subject to market changes. Write for quantity prices.

Acid Phosphate—16%—It gives excellent results on nearly all crops, but is especially recommended for use on grains and grasses. Lb., 4c; 100 lbs., \$1.75.

Bone Meal—Ground very fine. Acts very quickly. There is no better fertilizer for the home garden than this splendid material. Splendid for rose beds, pot plants, etc. Lb., 6c; 100 lbs., \$4.00.

Lime (Hydrated)—For the sweetening and renovating land that has become sour. It promotes growth and has a tendency to prevent weeds. Lb., 2c; 40 lbs., 50c.

Nitrate of Soda—A fertilizer very quick in action and used for the nitrogen it contains. Will mature a crop several weeks earlier and greatly improve it. Lb., 10c; 100 lbs., \$4.50.

Swift's 12-4-4—For fruit trees and small fruits, garden truck, etc. Quick in starting, lasting in effect, etc. Quick in healthy growth and developing the fruit, fine for all root crops. Lb., 5c; 100 lbs., \$3.00.

Swift's 10-4-7—This brand has been especially prepared for such crops as require a quick, strong fertilizer, should be well mixed into the soil, suitable for all garden truck especially strawberries and watermelons. Lb., 5c; 100 lbs., \$3.25.

Muriate of Potash—To be used liberally, especially for root crops. Lb., 5c; 100 lbs., \$3.50.



Better Lawns—Better Vegetables—Better Flowers

You can have better lawns, flowers, and vegetables, if you use hardy, disease-free seed and the right plantfood.

Plants, like human beings, must receive the right nourishment. VIGORO provides an economical, practical, and effective way to secure finest results. Economical because the cost is only 10c to 20c for every 100 square feet. Practical because it is clean, odorless, easy to apply—can be sown by hand like grass seed or applied with an ordinary kitchen colander. Effective because it contains all of the elements of plantfood required to produce early, vigorous growth and bring fruit, flowers, and foliage to full development. Complete directions in every bag.

For Lawns
Gardens
Flowers
Shrubbery
Trees

VIGORO

Specialty prepared plantfood

| | | |
|-------------|-------|--------|
| 100-lb. bag | ..... | \$5.00 |
| 50-lb. bag | ..... | 3.00 |
| 25-lb. bag | ..... | 1.75 |
| 5-lb. bag | ..... | .50 |

A Swift & Company Product

INSECTICIDES

Black Leaf "40"—A concentrated solution of nicotine sulphate for combating aphids or plant lice. 1 oz. bottle, 35c; ½ lb. can, \$1.25; 2 lb. can, \$3.50; 10 lb. can, \$13.50.

Tobacco Dust—Effective against cabbage fly and worms. Lb., 10c; 100 lbs., \$7.50.

Dry Milled Sulphur—Used as a fungicide, also for blight or mildew on roses. Lb., 10c; 100 lbs., \$5.00.

Slug Shot, Hammond's—Guaranteed to destroy potato bugs and those in tomato and egg plants,

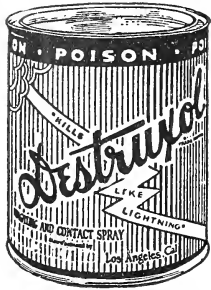
current worms, cabbage lice and worms. 1 lb., 15c; 5 lbs., 60c.

Fish Oil Soap—Very effective in destroying many sucking insects and lice on plants, trees and shrubbery. 1 lb., 35c.

Copper Sulphate (Blue Stone)—Used for making Bordeaux Mixture. Lb., 15c; 100 lbs., \$12.00.

Copperas (Sulphate of Iron)—A splendid neutralizer of alkali in the soil. Use one to two pounds per acre, also fine for lawns. Lb., 6c; 25 lbs., \$1.25; 100 lbs., \$4.50.

DESTRUXOL

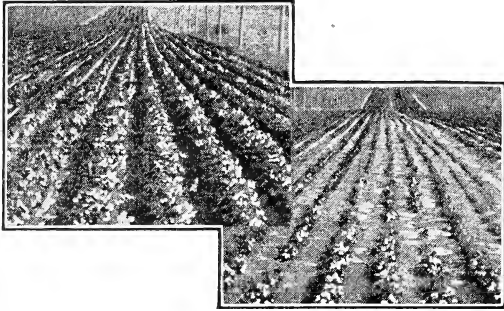


This combination spray, containing Nicotine Suphate and Cyanide, seems to be what we have been after for some time, making it possible through the fumes given off by the Cyanide to reach insect life on the under side of the foliage. Our tests have shown it effective when used at proper temperatures and conditions against common garden pests as aphids, thrip, lice, red spider, leaf roller hoppers, mildew and mealy bug. It is most effective under temperatures of 70 degrees and above, the warmer the weather the better, as the fuming action is greater under higher temperature. Our tests of this product would indicate there is little chance of burning or checking growth even though used at double strength. Use one large teaspoonful of Destruxol to one gallon of water.

| | | |
|---------------|-------------------|-------------|
| 1 oz. makes | 5 gallons spray |\$.40 |
| 2 oz. makes | 10 gallons spray |65 |
| 1/4 pt. makes | 25 gallons spray |90 |
| 1/2 pt. makes | 50 gallons spray |1.40 |
| 1 pt makes | 100 gallons spray |2.00 |
| 1 qt. makes | 200 gallons spray |3.75 |

Must be sent via express.

Semesan Choose Your Field!



The illustration above shows two sections of the same field, the one on the left was planted with Semesan-treated parsley seed. Notice the difference in yield as compared with the untreated section on the right.

Recommended by Government experts, agricultural schools, county agents and large growers in every section of the country. The only organic mercury fungicide that can be used in liquid or convenient dust form.

PRICES

SEMESAN

2 oz., 50c; 8 oz., \$1.60; 1 lb., \$2.75; 5 lbs., \$13.00; 25 lbs., \$62.50; 50 lbs., \$122.50; 100 lbs., \$240.00.

SEMESAN JR.

For Treating Seed Corn

| | |
|----------|-------------|
| 4 oz. |\$.60 |
| 1 lb. |1.75 |
| 5 lbs. |8.00 |
| 25 lbs. |37.50 |
| 50 lbs. |72.50 |
| 100 lbs. |140.00 |

SEMESAN BEL

For Seed Potatoes and Bulbs

| | |
|----------|--------------|
| 1 lb. |\$ 1.75 |
| 5 lbs. |8.00 |
| 25 lbs. |37.50 |
| 50 lbs. |72.50 |
| 100 lbs. |140.00 |



Ask for Pamphlet

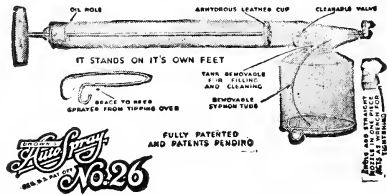
Spray Pumps



We carry in stock two styles of Hand Sprayers, No. 2 and No. 4. They are made of good grade material, and will give good service.

| | |
|---------------------------------------|----------|
| Pt. No. 2 Hand Sprayer (not postpaid) |35c |
| Qt. No. 4 Hand Sprayer (not postpaid) |50c |

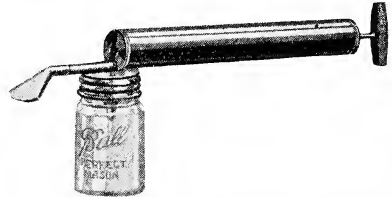
It Sprays Continuously



The Continuous Sprayer has a feature which will give you a continuous spray as long as there is any air left in the tank, and for this reason is used a great deal, as it is not fatiguing to operate same.

| | |
|-----------------------------------|-------------|
| Continuous Sprayer (not postpaid) |\$1.25 |
|-----------------------------------|-------------|

LOWELL POWDER GUN



Lowell Powder Gun—This sprayer is easy of operation. Fill reservoir with dry powder, such as Hammonds Slug Shot, Bug Death, Paris Green, Hellebore, Powdered Arsenate of Lead, etc. Size of spray, regulated by operation of plunger. Elbow reversible, enabling operator to spray up or down. \$1.00.



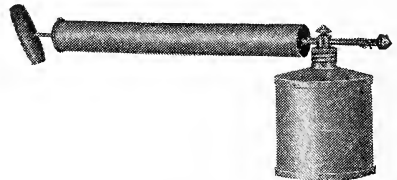
A strong constructed, very efficient duster for the home gardener. Dusts any kind of powder. Weight 1 lb., each 50c.

DUSTER BROWN No. 2

A very practical, inexpensive duster of new design. It is of simple construction, single acting. USES—For spraying dust on small garden plots, rose bushes or in any place where dust is to be applied in small quantities. It is especially adaptable for use in applying insect powders. Shipping weight 2 lbs.

| | |
|-------------|----------|
| 1 Pint size |75c |
|-------------|----------|

THE G-V CONTINUOUS SPRAYER



The G-V Continuous Variable All-in-One Sprayer is the only sprayer on the market that can be used as a fire maker, pipe thawer, flame sterilizer and oil generator besides being a perfect sprayer for insecticides, disinfectants, lubricating oil, paints and lacquers.

| | |
|---|-------------|
| G-V No. 1, Tin—Shipping weight 2 lbs. |\$1.50 |
| G-V No. 2, Brass—Shipping weight 2 lbs. |2.50 |

SPRAY PUMPS VERMOREL ORANGE DUSTER



Annoyance and loss of time due to choking is entirely eliminated through correct agitation insured by the brush agitator.

Single Action, Bellows Type.

Very light and compact in construction. Weight eleven pounds; capacity six quarts—nine to fifteen pounds of material. Price\$15.00

VERMOREL DOUBLE ACTION DUSTER

For applying sulphur, arsenic of lead, calcium arsenate, Bordeaux Mixture, nicotine dust, etc., either of these models will give excellent results.

Double action. Differs from Orange Duster principally in the fact that it functions both on up and down strokes, thus giving forth a semi-continuous flow.

Price\$20.00

VERMOREL ECLAIR No. 1 KNAPSACK SPRAYER

Has no plunger nor complicated mechanism. Its simple diaphragm pump eliminates the usual pump troubles. Pressure can easily be maintained at 40 pounds.

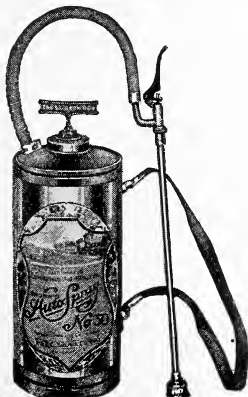
In reliability efficiency the Eclair No. 1 has no equal. Its ease of operation makes spraying a real pleasure.

Furnished in either brass or copper.

Price\$20.00



BROWN AUTO SPRAY



Has a tank made of heavy non-corrosive sheet brass or galvanized steel, air pump and syphon tube of seamless brass tubing; pump handle of sturdy malleable iron. The air pump located inside solution tank is made absolutely airtight by a locking device of collar and locking nut of brass. Capacity of tank 3½ gallons. Shipping weight 12 pounds.

No. 9B—Brass tank, \$9.00

No. 9D—Galvanized tank 6.50

No. 50D—Galvanized, 2 gal. 4.50

Shipping Weight 7 lbs.

HUDSON PERFECTION SPRAYER

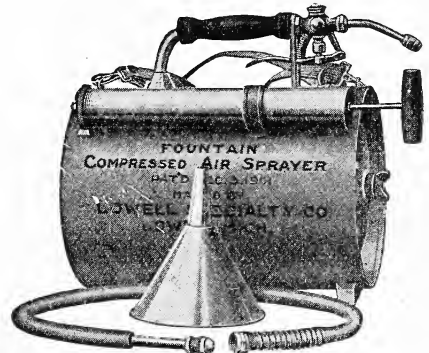


Has a tank made like a steam boiler. The all-riveted seams give the necessary strength for developing a high pressure, which is absolutely essential for good results. This all-brass pump is placed inside the tank and is easily removed.

For work of any kind requiring a high pressure compressed air sprayer the Perfection is supreme. It can be used around the house and yard, in the barnyards and outhouses, on truck farms, in vineyards, potato, onion and melon fields, and in all sizes of orchards. Shipping weight, 12 pounds.

No. 140G—Galvanized Tank, 1½ Gal.\$4.50
No. 140B—Brass Tank, 1½ Gal. 6.50
No. 110G—Galvanized Tank, 3½ Gal. 6.50
No. 110B—Brass Tank, 3½ Gal. 9.00

LOWELL COMPRESSED SPRAYER



The Lowell Fountain Compressed Air Sprayer is well adapted for the fruit grove, farmer, stockman, poultryman, florist, and for use of general disinfectants. It is the strongest small tank sprayer ever made, being constructed of heavy sheet brass or galvanized steel.

No. 111 Brass, 3 gallon,\$8.75
No. 110 Galvanized, 3 gallon, 6.50

Shipping weight 12 lbs.

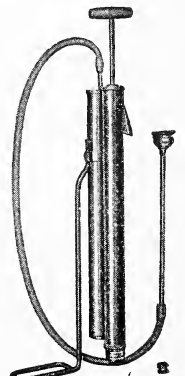
LOWELL BABY FOUNTAIN COMPRESSED AIR SPRAYER

Capacity of tank, one gallon.

No. 120\$4.50

BROWN BUCKET PUMP

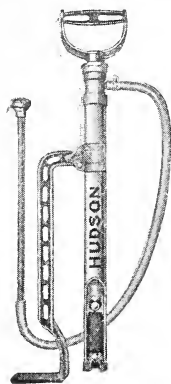
A medium priced bucket pump, capable of doing all the spraying for the average poultryman and farmer. Made of good material and with proper care will give long service. \$2.75 not postpaid.



ANGLE FOG NOZZLE



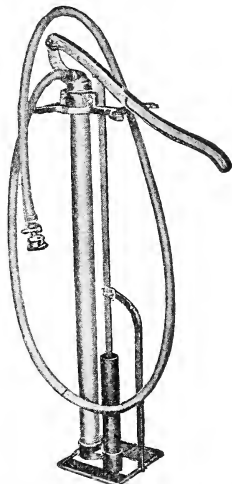
This nozzle is especially recommended for spraying the underside of the leaves of vine crops. Each, 75c.



HUDSON BUCKET PUMP

The best all-around Bucket Pump on the market. Made of good heavy material, and will last a life-time. It is the best all-around pump for the average poultryman\$5.00

Shipping weight 7 lbs.

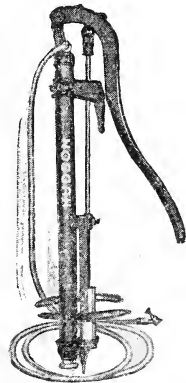


BROWN BARREL SPRAY PUMP

Brown's Auto-Spray No. 4

—Because of its special design this pump is light in weight and consequently it is comparatively inexpensive. However, it is durable and sturdy in construction. Auto-Spray No. 4 accommodates one lead of hose although it can be used with an attachment for using two nozzles in a cluster. The long air chamber stores up reserve pressure so that nozzle throws a long continuous spray. Agitator is automatic in operation and functions as long as the pump is being operated.

Pump cylinder 1½ inches in diameter. Valves at bottom of pump are of brass and are in a brass casting. Plunger head brass. Casting on top of pump and air chamber of iron. Packing is a graphite composition. Shipping weight 25 lbs. Price \$12.00



HUDSON BARREL SPRAY PUMP

In our No. 4, we have developed a pump that will meet every requirement of a perpendicular Barrel Pump. It is powerful, light and durable and will develop better than 250 pounds pressure with ease. Can be used with either one or two lines of hose.

No. 4A—Outfit consists of No. 4 Pump, 12½ feet ½-inch Sprayer Hose and Fog Nozzle\$14.00

GARDEN TOOLS

FOUR TINE SPADING FORKS



Old X—Spading Fork. Four tempered steel tines. Strap ferrule. Iron D handle. \$1.25 each, shipping weight 5 pounds.

Old S. P.—Spading Fork. Similar construction as Old X, a little lighter built. \$1.00 each, shipping weight, 5 pounds.

Jumbo—Spading Fork. Four tempered steel tines. Iron D. Handle Strap Ferrule. One of the best built forks on the market. Shipping weight, 6 pounds; \$2.25 each.

STEEL GARDEN HOES



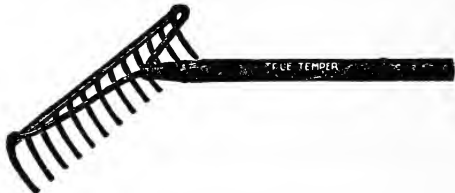
R7—Shank Pattern, Standard Quality, Strong and Durable, Tempered 7-inch Steel Blade, 4¼-foot hardwood handle. 65c each; shipping weight 3½ pounds.

SMO 8—Solid Socket Steel Garden Hoe. Tempered 8-inch steel blade, one-piece steel socket. Selected 4¼-foot hardwood handle. \$1.00 each; shipping weight, 3½ pounds.

No. 2P—Weeding Hoe. Sheet steel blades, iron shanks, 3-inch blade. Two prongs, 4½-foot handle. 60c each; shipping weight, 2½ pounds.

No. 1P—Weeding Hoe. Sheet steel blade. Iron shank, 3-inch blade, one prong, 4½-foot handle. Weight 2½ pounds; 60c each.

STEEL GARDEN RAKES



SB14—Steel Garden Rake. 12 spring tempered teeth. Hardwood handle. 65c each; weight 2½ pounds.

B14—Solid bow steel rake. 14 curved teeth, spring tempered. 5½-foot hardwood handle. \$1.00 each; shipping weight 3½ pounds.

MOE'S GARDEN TROWELS

No. 80 Garden Trowel. One-piece pressed steel Handsomely finished in black baked enamel. Length of blade 6 inches. Ground and polished points. Each 25c; shipping weight 8 ounces.



MOE'S TRANSPLANTING TROWELS

No. 81—Transplanting Trowel. One-piece pressed steel. Handsomely finished in black and baked enamel. Length of blade 6 inches. Width 1¾ inches. Ground and polished points. Each 25c; shipping weight 7 ounces.



MOE'S GARDEN WEEDER

No. 82—Garden Weeder. One-piece pressed steel. Handsomely finished in black baked enamel. Has five steel fingers, and is one of the most useful and handiest garden tools made. Ground and polished points. Each, 25c; shipping weight 7 ounces.



LOND HANDLE SHOVEL



No. KL02—Knox-All No. 1 Northern Ash handles. Blades 9½x11¾ inches, weight 5 pounds each. \$1.40 each; shipping weight 6 pounds.

SPRINKLING CANS

Made of heavy galvanized iron
6 quart, shipping weight 2 lbs.....\$0.80
8 quart, shipping weight 2½ lbs..... .95
10 quart, shipping weight 3¼ lbs..... 1.10
12 quart, shipping weight 4 lbs..... 1.25

RUBBER GARDEN HOSE



50 ft. 1/2" Comcl. 4 ply, weight 9 lbs.....\$4.25
50 ft. 3/4" Leader 5 ply, weight 11 lbs..... 4.50

MOLDED RUBBER GARDEN HOSE

SEAMLESS—NON-KINKABLE—DURABLE

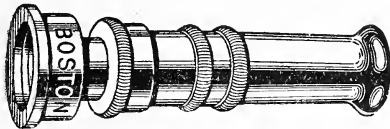
Made with two seamless double braided jackets over a tube of high grade rubber incased in a heavy moulded rubber outside cover. We recommend this hose for long service.

50 ft. 1/2" Molded, 12 lbs.....\$5.00
50 ft. 3/8" Molded, 13 lbs..... 5.50
50 ft. 3/4" Molded, 17 lbs..... 6.50
Add 25c for couplings if wanted in 25 ft. lengths.
Clincher Hose repair, weight 2 ounces.....\$.10
Clincher Hose coupling, weight 4 ounces.... .25

RUBBER HOSE WASHERS

Made of good grade rubber, will fit 1/2 and 3/4 inch hose. 10c per dozen; weight 2 ounces.

HOSE NOZZLES

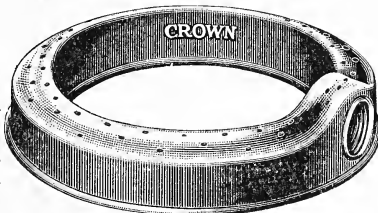


Hose Nozzle—Boston Pattern Brass Hose Nozzle. 75c each; shipping weight 10 ounces.

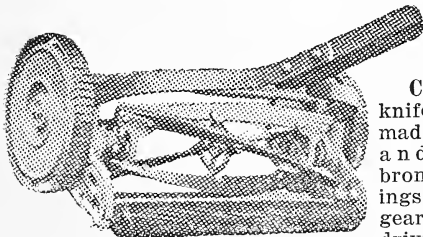
Peoria—Same pattern as Boston but lighter construction. Shipping weight 8 ounces. 65c each.

RING SPRINKLER

Ring Sprinkler—Made entirely of brass and distributes water evenly over a large area. 85c each. Shipping wt., 2 pounds.



LAWN MOWERS



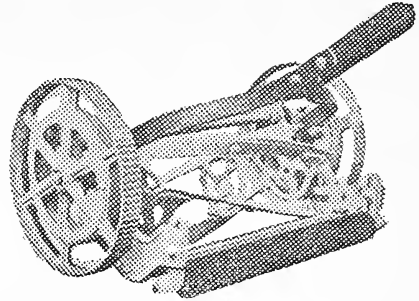
Cadet—Reel knife shaft is made of steel and runs in bronze bushings. Enclosed gearings. 8-in. driving wheel.

Three crucible steel blades. Hardwood handle and roller.

14" shipping weight, 35 lbs.....\$7.50
16" shipping weight, 37 lbs..... 8.00

Colonial Lawn Mower—A first class ball bearing machine which can be purchased at a price within reach of all. 8-inch driving wheels. 4-blade revolving cutter insuring fineness and evenness of cut, adjustable bearings.

14" weight, 38 lbs.....\$10.00
16" weight, 40 lbs..... 10.50



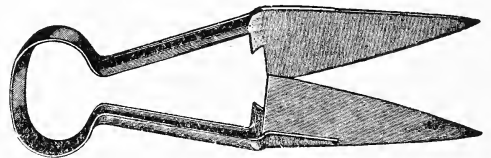
Great Southern Lawn Mower—Open side frame and drive wheels reduce the weight, making it a light and easy mower to handle. Height of wheels 10 inches. Large open four blades revolving cutter. Coldwell's patented adjustable ball bearings. 14" weight 45 lbs.....\$12.50
16" weight 48 lbs..... 13.50

Amazon Lawn Mower — A strictly high-grade ball bearing Lawn Mower. Large driving wheels and fine cut gears insure ease and quietness of running. Large diameter revolving cutter with five blades, patented adjustable ball bearing. 14" weight 45 lbs.....\$13.50
16" weight 48 lbs..... 14.50

ADJUSTABLE GRASS CATCHER

Designated to fit any size or style of mower and can be attached or detached in a moment. Made of strong canvas and galvanized iron bottom. To fit any mower, 12 to 18 inch. \$1.00 each.

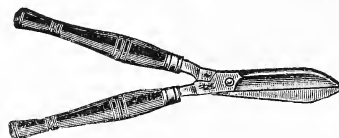
GRASS SHEARS



Hand forged from cutlery steel. Blades 6 inches long, ground and set and full polish.

Plain Hand Forged, weight 12 ounces.....\$.35
Polished Hand Forged, weight 12 ounces.... .50
Keen Klip Grass Shears, weight 1 pound.... 1.00
Doo Klip Grass Shears, weight 1 pound..... 1.25

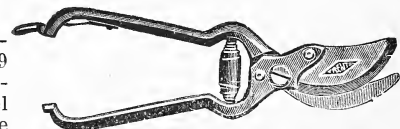
HEDGE SHEARS



Blades hand forged crucible steel, notched, off set shank. Tangs bolted clear through the wooden handles.

6 inch, Plain handle, weight 4 pounds.....\$1.00
6 inch, Polished handle, weight 4 pounds.... 1.50
8 inch, Plain handle, weight 5 pounds..... 1.50
8 inch, Polished handle, weight 5 pounds.... 2.00

PRUNING SHEARS

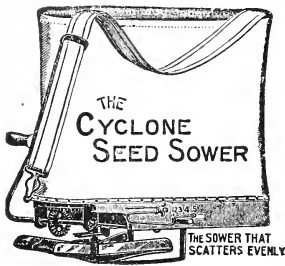


California pattern. Length 9 inches. Tempered tool steel blade. Volute spring. Adjustable ratchet nut. Black japanned handles.

No. 313, Price each. \$1.00. Weight 1 pound.

PRUNING SAW

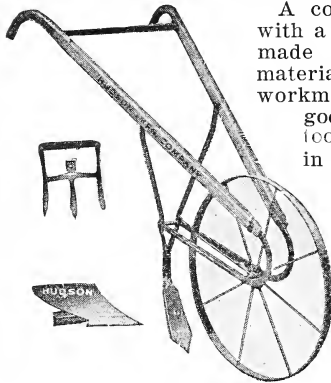
Pruning Saw—The ideal saw for pruning, having a 15-inch curved blade. \$1.25 each.

CYCLONE SEED SOWER

A machine of very simple construction. This seeder will sow any seed that is sown broadcast, such as Oats, Wheat, Rye, Millet, Clovers, Grass Seeds, etc. It can be very easily adjusted to suit the seed being sown. We sell a world of them every year and our customers say they give good satisfaction. **\$2.25 each**; customers paying transportation charges. Mailing weight, 6 pounds.

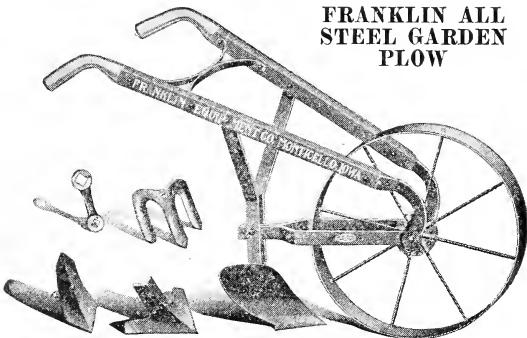
MASTER RAPID PLANT SETTER

Makes transplanting a pleasure instead of a labor. Will set, water and cover in one operation, such plants as Cabbage, Cauliflower, Celery, Pepper, Tomato, Sweet Potatoes and Strawberries. One man can set 10,000 plants daily. You work in an upright position all the time; no stooping and no lame backs. **Each, \$6.00.** Shipping weight 7 pounds.

**HUDSON GARDEN PLOW**

A counterbalance plow, with a 24-inch high wheel made of the very best material and most careful workmanship. This is a good strong, durable tool and can be used in the largest gardens. Is very popular and the best of its kind. Shipped with tools as shown. Weight 28 pounds.

No. 242, each \$4.00

FRANKLIN ALL STEEL GARDEN PLOW

This garden plow is an all-steel plow, handles also being made of steel and with proper care will last a life time. We believe this to be one of the best plows on the market and one we are sure you will be thoroughly satisfied with. **Price \$4.50 each.**

FLOWER POTS

We pack as carefully as possible but they are shipped at purchaser's risk of breakage. Shipping charges not prepaid. Packing charges at cost.

| | Each | | Each |
|--------------|-------|---------------|------|
| 2-inch | \$.03 | 9-inch | .35 |
| 3-inch | .03 | 10-inch | .40 |
| 4-inch | .05 | 12-inch | .75 |
| 5-inch | .06 | 14-inch | 1.15 |
| 6-inch | .10 | 16-inch | 1.50 |
| 8-inch | .20 | | |

POT SAUCERS

| | Each |
|---------------|-------|
| 4-inch | \$.04 |
| 6-inch | .05 |
| 8-inch | .10 |
| 10-inch | .15 |
| 12-inch | .20 |
| 14-inch | .35 |
| 16-inch | .40 |

**FERN OR BEGONIA POTS**

They are not so deep as the regular flower pots and are used a great deal for growing ferns and Begonias in; also asparagus plants, etc.

| | Each | | Each |
|---------------|--------|---------------|------|
| 6-inch | \$0.10 | 12-inch | .40 |
| 8-inch | .15 | 14-inch | .55 |
| 10-inch | .25 | 16-inch | .75 |

STONE JARS WITH LIDS

Splendid for preserving or pickling meats kraut and cucumbers, etc.:

| | Each | | Each |
|--------------------|--------|---------------------|------|
| 1 gallon size..... | \$0.35 | 6 gallon size..... | 1.55 |
| 2 gallon size..... | .55 | 8 gallon size..... | 2.00 |
| 3 gallon size..... | .80 | 10 gallon size..... | 2.25 |
| 5 gallon size..... | 1.35 | | |

NOTE: Florists and Nurserymen write us for quantity prices on flower pots, we will quote you special prices on lots of 100 or 1000. Shipment made direct from pottery.

SPAGNUM MOSS

Spagnum Moss—Used for hanging baskets or packing plants or bulbs for shipping purposes. **Lb., 30c.**

So easy to tend a BIG garden now

Cultivate better—10 times as fast as hoeing

In one swift, easy operation, keen underground knife cuts and kills every weed; eight revolving blades stir and aerate surface soil. Leaves perfect, finely pulverized dust mulch that retains moisture. Aids plant growth. Ideal for seed-bed at planting time. New improved design. Guides like easy-running lawn mower. Faster than 10 hoes.

Easy GARDEN RAISER

2 steel adjustable shovels for deeper cultivation. Wire guards protect leaves. Durable. Guaranteed. 2 sizes. Low priced.

PRICES ARE LOW

There are two sizes. The **STANDARD** is 8½ inches wide. Complete with underground cutter, three cultivator shovels and two wire weed guards. **Price \$9.00.**

The **PERFECT** is the same excepting it cuts a strip 10½ inches wide. **Price \$9.75.**



Germāco Hotkaps

INDIVIDUAL
HOT-HOUSES
FOR EVERY PLANT

"Hotkaps" Furnish Each Young Plant With Complete Protection From Wind, Rain, Frost and Insects. Now Have Hardier Crops That MATURE EARLIER.

Ask us about the interesting new invention, "Hotkaps."

They are individual hothouses for each plant, economically priced, to insure against the crop hazards of frost, rain, wind and insects. They are made of strong, durable, especially prepared waxed paper, light in weight, easy to use, easily ventilated.

"Hotkaps" bring crops to earlier maturity. Many write us that they have been first to market by from one to three weeks, and as a result have been able to get higher prices.

Farmers quickly appreciate them. Once you've tried them, you'll always use them. They afford the best crop insurance, and bring you more profit.

"Hotkaps" are packed 1,000 to the roll.

Prices: 1,000, \$10.00; 5,000 at \$9.75 per 1,000; 10,000 at \$9.50 per 1,000. "Hotkap" Setters, each \$2.50; "Hotkap" Carriers, each \$2.75. Postage extra.

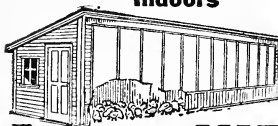
Prices on smaller quantities—100, \$1.50, postpaid.

FLEX-O-GLASS

Makes
Chicks
Grow
Faster—
Lay
Earlier

Better
Than
Glass
for
Hot
Beds

FAT, PENDING
Gives CHICKS
actual sunshine
Indoors



TRADE MARK REG.

Grows PLANTS
Quicker
and Stronger



© 1926 F.M.Co.

Admits ULTRA-VIOLET Rays

Build a FLEX-O-GLASS scratch shed or brooderhouse front easily. In it every chick will stay healthy, scratch and exercise, be full of pep, free from rickets, and they will grow like weeds, because FLEX-O-GLASS admits energizing, health-producing Ultra-Violet sun's rays (glass stops them). Science has proved that FLEX-O-GLASS also brings amazing winter egg yield and fertile hatching eggs. Use 15 yards for 300 chicks, or for 100 hens. For replacing or repairing glass windows, enclosing porches and storm doors. Brightens any room. Also used on curtain rollers to scatter healthful sunshine to every corner of room.

Ultra-Violet and Infra-Red (Heat) Rays which pass thru FLEX-O-GLASS makes plants grow much faster than when under glass. Have stronger plants for transplanting. Have earlier plants to sell. Fifteen yards of FLEX-O-GLASS covers a hot bed of 135 sq. ft. Frames are lighter, much cheaper, better, and easier to handle than glass frames.

This newly discovered product is made on a strong cloth base, especially processed to make it weather-proof and beneficial for health. Just cut with shears and nail on. Lies flat. Stays bright. Lasts many seasons. Exceptionally durable. Can be patched.

1 Yard, 35c; 10 Yards, \$2.90; 25 Yards, \$7.25.

Poultry Supplies

*OAKES' CHICK FEED TROUGHS

These troughs are ideal for feeding chick starter to baby chicks. Trough is stamped out of one piece of heavy galvanized steel, without seams. Very easy to keep clean. The grate is a separate piece and slides on and off easily. Prevents waste of feed. Made of galvanized steel for dry feed and heavy charcoal tin for feeding milk.

MASH FEEDER

- *No. G71 (Galvanized) 10-inch, each.....25c
- *No. G72 (Galvanized) 20-inch, each.....40c

MILK FEEDER

- *No. G71A (Tin) 10-inch, each.....30c
- *No. G72A (Tin) 20-inch, each.....50c

*OAKES' NEW CHICK TROUGH

A new inexpensive chick trough. Made of galvanized iron with galvanized cross wire welded on. Ends are soldered on so that trough can be used for either feed or water. Easy to fill and clean. Cross wire prevents chicks from getting into trough or soiling feed.

- *No. G51 20-inch, each.....25c

MOE'S BABY CHICK FEEDER

A great feed saver, and can also be used for water or milk. Accurately stamped with dies. Top fits snugly, yet is easily taken off for filling and cleaning.

- No. 11. Diam. 6 inches, with 8 holes, each.....12c
Shipping Weight 1 Pound.
- No. 12. Diam. 8 1/4 inches, with 12 holes, each.....25c
Shipping Weight 1 Pound.

MOE'S DOUBLE FEEDING TROUGH



Made of best quality galvanized iron, accurately stamped with dies. No sharp or rough edges to injure the chicks. Made in three sizes.

- No. 58—Length 12 inches, weight 1 1/4 lbs., each.....40c
- No. 59—Length 18 inches, weight 1 1/2 lbs., each.....55c
- No. 60—Length 24 inches, weight 2 lbs., each.....65c

*OAKES' INEXPENSIVE CHICK FEEDER

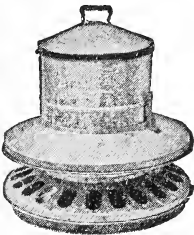
This feeder is made in three sizes, 21 inches, 35 inches and 48 inches in length. Sloping top prevents roosting and slides off for filling or cleaning. V-shaped bottom throws feed toward the outside and prevents clogging. 21-inch size has 32 feeding spaces. 35-inch size has 50 feeding spaces. 48-inch size has 68 feeding spaces.

- *G- 36—(21 inches) Weight 4 lbs., each.....\$1.20*
- *G- 37—(35 inches) Weight 8 lbs., each.....1.80*
- *G-375—(48 inches) Weight 10 lbs., each.....2.25*

*OAKES' CAPACITY CHICK FEEDER

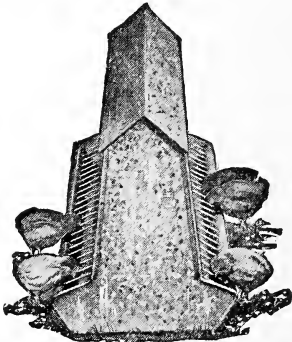
Saves time, labor and feed for large flocks of chicks. Double feeding space with 25 feeding spaces on each side; wires extend into hopper so that chicks in eating shake down the mash and prevent clogging; hinged lid on top; capacity, 45 pounds of mash. Length, 30 inches, height 12 inches, width at bottom, 11 inches.

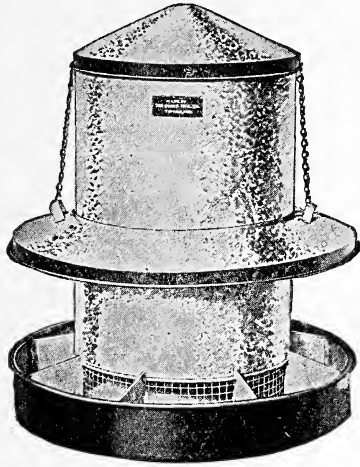
- No. *G-800, as shown above, each\$1.30*
- No. *G-848, 48-inch size, capacity 75 pounds.....6.00*



*OAKES' ROUND CHICK AND PIGEON HOPPER

Very practical; made of galvanized steel. Cone keeps feed from clogging. Trough covered with lid, which can be lowered at night, making hopper rat and mouse-proof. Height, 14 inches; diameter of hopper, 7 1/2 inches; diameter of pan, 12 inches. No. *G-76 without trough lid, weight 5 pounds\$1.25*





*OAKES' MAMMOTH ROUND FEED HOPPER

A compact, convenient hopper for feeding dry mash to large flocks. Round shape accommodates more fowls with less fighting and less muss. Seamless steel trough, 22 inches in diameter, 3½ inches deep, divided by partitions to prevent waste of feed. Capacity 100 pounds.

- *No. F-10, without stand\$7.50
- *No. F-11, with stand as shown 8.25

*OAKES' BEST-YET SELF-FEEDER

Saves poultryman's time, labor and feed. Strong and durable. Made of heavy galvanized steel. Fowls feed from either side, thus doubling feeding space. Length 36 inches, capacity 100 pounds. Stand elevates feeder 16 inches from floor. Has adjustable grate, which feeds any mash uniformly. Provided with hinged lid over both hopper and trough, making it rat, mouse and dirt proof. Great feed saver.

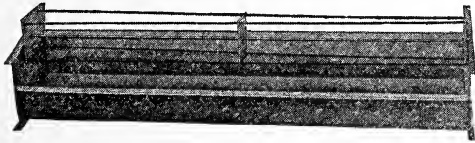
- *No. F-55, with stand as shown, each\$10.75
- *No. F-56, same, without stand, each 7.75



*OAKES' NEW FEED TROUGH FOR LARGE FLOCKS

This feeder has a revolving reel of galvanized strips to prevent hens from getting into trough and scratching feed out. Easy to clean. Four foot length holds one bushel of dry mash. Eight foot length holds two bushels.

- *No. G26, 48-inch, each.....\$3.00
- *No. G27, 96-inch, each..... 5.00



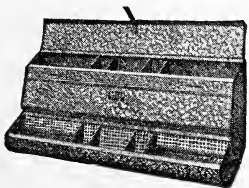
*OAKES' FEEDER FOR LARGE FLOCKS

Capacity with minimum expense. Lighter in weight and more sanitary than troughs made of lumber. Wires are 4 inches apart to prevent wasting feed. The 8-foot trough has a capacity of 2 bushels, the 4-foot holds 1 bushel.

- *No. F-1A, without lid, 96-inch.....\$4.80
- *No. F-4A, without lid, 48-inch..... 2.60



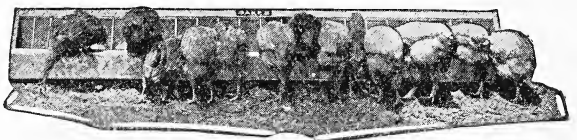
*OAKES' IMPROVED HANDY HOPPER



Hinged lid keeps out rats, mice and dirt. Swinging front, adjustable to any kind of dry mash, eliminates clogging. Hopper 15 inches high, 4½ inches wide and made in four lengths.

- *No. G-12, length 12 inches.....\$1.75
- *No. G-13, length 18 inches..... 2.25
- *No. G-14, length 24 inches..... 2.75
- *No. G-15, five compartments, length 36".... 3.90

*OAKES' FEEDER FOR GROW- ING CHICKS



Made of steel, four feet in length, capacity about 12 quarts. Wires 2 inches apart prevent fowls getting into trough.

- *No. F-6A, without lid.....\$1.75



OAKES' JAR FOUNTAINS

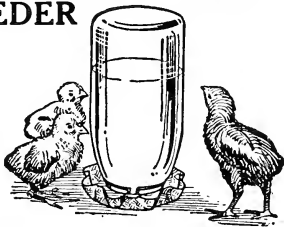
Made from 2 materials, extra heavy galvanized iron, charcoal tin. No solder used; very substantial pan with heavy rolled edge; electric welded center; can be used for chick feed as well as water. Charcoal Tin Fountain is designed for dispensing buttermilk and sour milk especially. We do not furnish the glass jars.

- *No. G69—Galvanized; shipping weight, 8 oz.
Each\$0.10 Dozen.....\$1.00
*No. G69A—Charcoal Tin; shipping weight, 7 oz.
Each\$0.12 Dozen..... 1.32

*OAKES' AUTOMATIC FOUNTAIN AND FEEDER

A sanitary, automatic device for water, grain, grit, etc. Fits half-gallon, quart or pint Mason jar. Pan is hinged to wire so it is not necessary to remove can in order to refill it.

- *No. F-68—Each. \$0.10



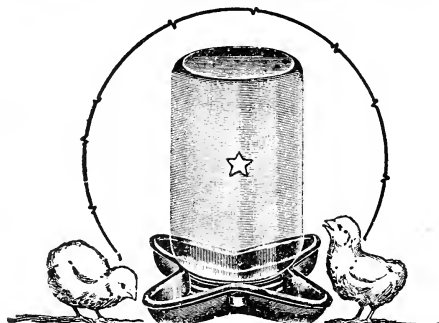
*OAKES' INEXPENSIVE GAL-LON FOUNT



Made from heavy galvanized iron in two pieces. Top made with handle for carrying. Base pulls off to fill. Pressure of air and grooves in pan hold weight of water and fountain may be carried by handle without fear of spilling.

- *No. G100—1 gallon; shipping weight, 4 lbs. Each.\$0.85

STAR FOUNTAIN AND FEEDER



Made of a single piece of heavy metal. No solder, no seams, no loose parts, chicks can not drown. Fits any Mason jar in 1 pint, 1 quart, and 2 quart sizes. No. 32—(Glass jar not included); shipping weight, 6 ounces. Each.....\$0.10
Star Buttermilk Feeder—Each.....\$0.12

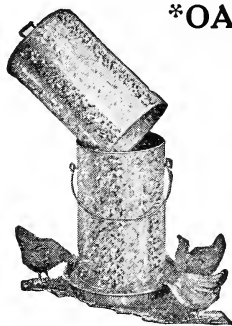
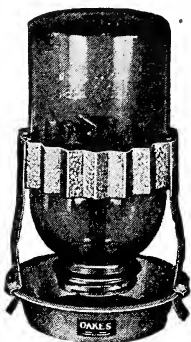
*OAKES' BUTTERMILK FEEDER

A perfect Feeder for sour milk, buttermilk, water, hard grain or grit. The container is made of aluminum, the only metal in which sour milk can be fed with safety. It is rust-proof and non-corroding. The Handy is adjustable, simple to operate and durable. Shipping weight, 1 lb.

- Each\$0.40

- *G70A—Holds 1 qt. jar.
*G70B—Holds 1/2 gallon jar.

(Glass jar not included)



*OAKES' "CAPACITY" FOUNTAIN

Keeps a plentiful supply of clean, fresh drinking water always available. Drinking space all around can; fountain filled from top; bail for carrying. Used with stand for growing fowls, or can be used without stand for baby chicks. Can also be equipped with heater for winter service.

- *No. G-5—5 gallon fountain\$3.75

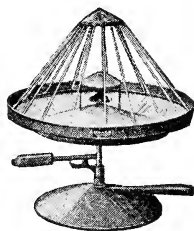
*OAKES' BOTTOM FILLED FOUNTAIN

Consists of a cone-shaped can and a stamped pan, which forms trough from which fowls drink. Both parts made of galvanized sheet steel and well soldered.

- *No. G-78—1 qt. Each.....\$0.30
*No. G-79—2 qts. Each..... .45
*No. G-80—3 qts. Each..... .60
*No. G-45—1 gallon. Each.... .75



OAKES NEVER DRY WATERER



Automatically controlled flow of water. Easily attached to hose or water pipe. Will take care of large or small flock. Nothing to get out of order. Fowls can not scratch dirt or litter into it, nor get into the water, or roost on this device.

- *No. G-35—Each\$4.90

HAWES' AUTOMATIC WATER VALVE



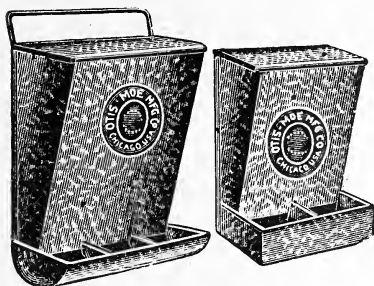
for watering poultry and small stock

THESE SIMPLE VALVES SOLVE THE WATERING PROBLEM

At last, a trouble-proof water valve that works automatically! It is so simple in design, so perfect in operation you will marvel you did not think of it yourself. Easy to attach—nothing to get out of order. A hollow metal float rests on the surface of the water, and as level rises and falls, valve automatically closes and opens. This insures a constant supply of pure, clean, drinking water—a vital factor in successful poultry and small stock raising.

- Simplicity. Each\$1.00
Combination with individual shut-off. Each..... 1.25

GRIT AND SHELL BOXES



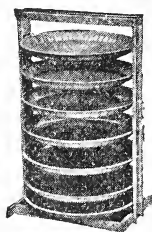
Grit, shell and charcoal have now become a recognized essential part of the diet insuring healthy fowls. They cannot be more economically supplied than in one of our inexpensive compartment boxes. Can also be used as a feed hopper for little chicks.

- No. 45—For baby chicks, each.....\$0.45
Shipping Weight 1 Pound
No. 9—For grown birds, each.....1.10
Shipping Weight 3 pounds

*OAKES' "SUN-LITE" OATS SPROUTER

Made of galvanized iron, each 18-inch perforated pan or tray can be removed separately. No lamp or fuel required. Put in the oats, moisten a little daily and in three or four days you can feed sprouts. Sections and trays can be purchased to increase capacity as desired.

- *No. G-63, 6-tray, each.....\$6.50

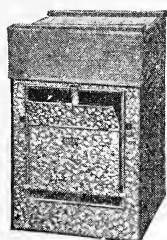


*OAKES' SINGLE FRONT FOR TRAP NEST

You can use this front to make a trap nest out of any ordinary orange box, small drygoods box, etc. Entirely practical but inexpensive.

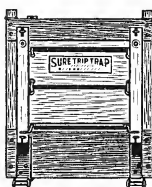
Opening 9x10½ inches.

- *No. G-59, each35c



SURE-TRIP TRAP NEST FRONT

The Practical Trap Nest is a profitable addition to every poultry plant, because it weeds out the drones and cuts down the feed bills for the man who wants to keep only those birds that produce. Strongly built of good lumber, as light in weight as consistent with strength and durability—with a trap that works noiselessly and surely. Each 35c; 100, \$30.00. weight 1 pound each.



NAPHTHALENE NEST EGGS



This egg is used not in reality as a nest egg, but is put into the nest to remove and kill the lice. If one of these nest eggs is placed in a nest with the nesting material, it will remove all vermin, if put in a corner of the nest under the setting hen, it will keep hen free from lice and mites.

- Weight 2 pounds, Per Dozen.....75c

GLASS NEST EGGS

Made of white porcelain, natural in appearance, and uniform in size. Will not easily break. They induce the hen to lay where she should—in the nest.

Weight 1 pound, Per Dozen.....30c

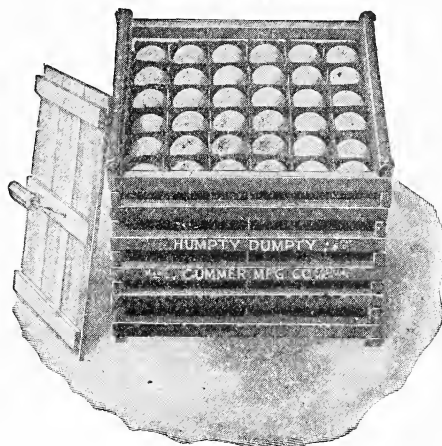
OAKES' EGG SCALE



In many localities eggs are now being bought and sold according to weight. Indiana has been using 22 ounces to the dozen eggs; just right for our No. F-53, while No. F-54 will fit any standard. Oakes Egg Scales are durable (constructed of steel) and simple; no springs—nothing to get out of order.

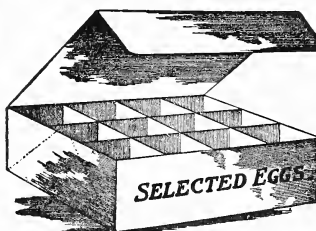
- *No. G-54—Oakes Graduated Egg Scale, each.....75c

HUMPTY DUMPTY EGG CARRIER



A very light, strong and convenient egg crate and carrier. Made of hard wood slots securely fastened. The lid with handle, springs into position when crate is filled. Collapsible, 12 dozen size. 90c; Parcel Post weight 7 pounds.

YARD EGG BOXES FOR RETAIL TRADE



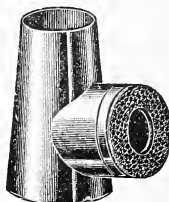
This is an ideal box for the retail egg trade, holding 1 dozen, presenting the goods to the customer in an attractive package with the minimum amount of trouble for the seller. They knock down in very compact shape.

- 3x4 Eagle, weight 12 pounds, per 100.....\$ 1.00
3x4 Eagle, weight 105 pounds, per 1,000..... 8.50
2x6 Seminole, weight 17 pounds, per 100..... 1.50
2x6 Seminole, weight 155 pounds, per 1,000..... 13.00

OAKES' EGG TESTER

Used to test fertility to eggs during first week of incubation. Use on an ordinary lamp. No. 2 burner, in a lark room. It will illuminate interior of egg so that you will know if the chick is alive. Also shows size of air cell. Each, 25c.*

- Shipping weight, 1 pound.



AUTO COOP

Made of best galvanized wire, with every intersection of wire permanently welded by electricity which is the only lasting method of joining steel wire. Safe, convenient and clean to carry poultry to market. Fits on running board of any automobile. Built with two decks. Can also be used as a flat coop as both decks are hinged and form bottom of coop when laid on side. Size 13x26x41. Weight 21 lbs. f. o. b. San Antonio.



Each\$3.75

*ECONOMY POULTRY BANDS



Poultry Sizes. The Standard poultry sizes with two large black numbers from 1 to 100, with black ink on celluloid. Size No. 3 (For Leghorn Hens.) 3c each. Size No. 4 (For Rhode Island Red, Plymouth Rock, and Orpington Females, and Leghorn Males.) One-half inch wide, two and one-half inches long from slot to shoulder. 3c each, 100, \$2.25. Shipping weight 8 oz.

*ALUMINUM PIGEON BANDS

Made of aluminum with stamped numbers.
Open Each, \$0.01 100, \$0.80
Closed Each, .02 100, 1.75

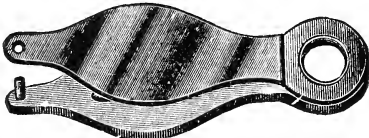
*MOE'S ALUMINUM LEG BANDS



Made of sheet aluminum with large raised numbers, easy to read from a distance. Adjustable for any size fowl. Numbered 1 to 4999, as wanted.
12 bands.....\$0.15 100 bands.....\$0.70
25 bands......25 500 bands..... 3.50
50 bands......40 1000 bands..... 6.00

NOTE—We can get you any style leg band you desire and numbered up to 1,000. It will take from one to two weeks to fill these special orders. 25% of amount of order required when sending in order.

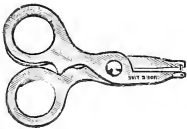
OAKES' POULTRY PUNCH



A popular and practical punch. Makes a clean perforation and does not bruise the foot.

No. 38—Oakes' Punch, each, 2 oz.....\$0.20

MOE'S IDEAL POULTRY PUNCH



A new improved punch. Works easily, cuts clean, and does not pinch the foot. Length 3½ in. Nickel plated.

No. 39—Moe's Ideal Punch.
Each\$0.35

*BANDETTES

Bandettes are easily applied single-handed; simply open out Bandette, hook it on leg, and allow it to close around the bird's leg; should not fit tight.

Bandettes are made in 5 colors: Blue, red, yellow, green, pink. Two sizes: No. 9 for Leghorns, and No. 11 for Rocks, Reds, etc.

Bandettes are sold only in unbroken sets of 25 in one color: 1-25, 26-50, 51-75, 76-100, and so on.

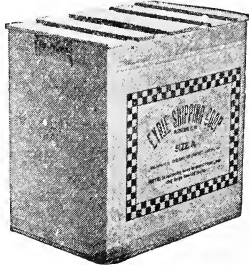
* 25\$.60
* 50\$ 2.00
* 100\$ 2.00
* 500\$ 9.50
* 1000\$ 18.00



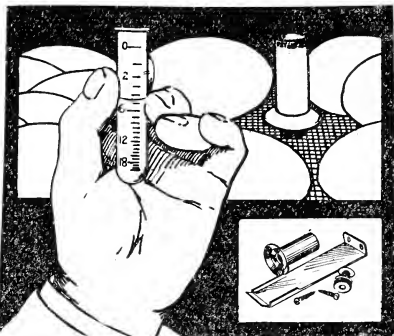
EYRIE SHIPPING COOP

Light in weight, but strong and durable. Ends and sides heavy corrugated cardboard. Top and bottom wood.

No. C—21x18x22 in.
deep, each\$1.00



*PATTERSON AND YOUNG MOISTURE GUIDE



This moisture guide solves the moisture problem with your incubator. The holder is fastened to the egg tray and the guide is filled with water to the top line. The graduated scale shows how much moisture should evaporate from the egg each day. If evaporation is too fast, moisture should be added; if too slow, more air should be given. Full directions go with each guide. Attachments are included for all turning trays. Every owner of an incubator should have this moisture guide. Weight 3 oz. Each, \$1.00.

*COLORED LEG BANDS

Made of celluloid, in fast colors. Keep their shape. Light in weight and very durable. Quickly put on or removed. Put up regularly 50 bands of a size and color in a bundle. Colors: White, black, red, pink, green, blue, purple and yellow.



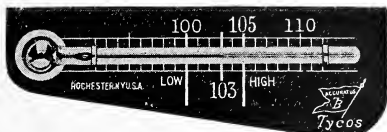
No. 4—For Baby Chicks.....50 \$0.25* 100 \$0.40* 1000 \$3.50
No. 7—For Bantams35* .60* 5.00
No. 8—For Leghorns and Anconas35* .60* 5.00
No. 11—For Large American.....40* .75* 6.00
No. 12—For Asiatic Hens.....45* .80* 6.50

*WING BANDS



*Wing Bands—Double clinch open...Each, 1c; 100, 75c

TESTED INCUBATOR THERMOMETER



- No. 120 Incubator Thermometer—Genuine "Tycos" on flexible brass legs. White figures and graduations on black finished scale. Packed 1 in box, shipping weight 6 oz. Each.....\$0.75
- No. 130—Genuine "Tycos" without legs. Shipping weight 6 oz. Each.....\$0.75
- *No. 90—Incubator Thermometer—Mounted on porcelain stand and frame, with black engraving. Easy to read. Packed 1 in box, shipping wt., 6 oz. Each..\$0.75
- No. 80—Incubator Thermometer. Each.....\$0.50
- Buckeye Incubator Thermometer. Each.....\$1.00
- No. 25—Brooder Thermometer. To be hung on canopy. Each.....\$0.25
- No. 125—Buckeye Brooder Thermometer. Each.....\$1.25

BROODER THERMOMETER

No. 129—Genuine "Tycos" thermometer. To be inserted through a hole in the top of the brooder so the bulb is in the actual brooder temperature, and the scale is outside for easy reading. Weight 6 oz. 75c



INCUBATOR LAMP WICKS

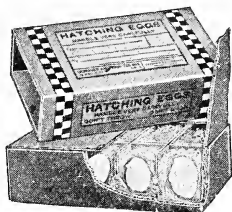
Made of felt. The best wick to use in your incubator lamp. State width of wick when ordering. Each, 5c; doz., 50c; weight 2 oz.

ANDERSON EGG BOXES FOR SHIPPING

Made of extra heavy corrugated cardboard; built so as to stand rough handling and carry your setting eggs safely.

15 egg size. Each....\$0.30
Weight 1½ Lbs.

15 egg size. Doz....\$3.00
Weight 15 Lbs.



30 egg size, weight 2½ lbs. Each.....\$0.45

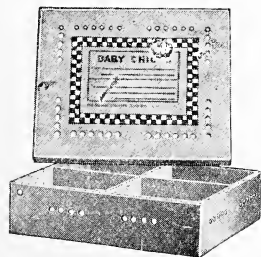
30 egg size, weight 26 lbs. Doz.....4.50

50 egg size, weight 3½ lbs. Each......55

50 egg size, weight 39 lbs. Each.....5.50

ANDERSON CHICK BOXES

The Original Anderson Master Breeder Baby Chick Pullman



Light in weight yet the strongest and safest chick box made. A very attractive checkered border box with a light blue inside liner. The result of 25 years chick box building. Approved by all Baby Chick Associations.

25 chick size. Each..\$0.10

50 chick size. Each..15

100 chick size. Each..20

25 chick size, 25 to bundle. Each......07

50 chick size, 15 to bundle. Each......10

100 chick size, 15 to bundle. Each......14

LOCAL DELIVERY BOXES

15 chick size, 100 to bundle. Each.....\$0.03½

25 chick size, 100 to bundle. Each......04

(Prices subject to paper markets and change without notice).

CHICK BOX SUPPLIES

STAPLERS AND STAPLES

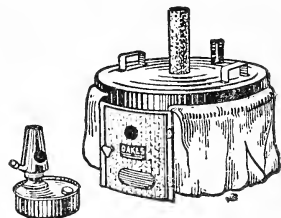
- Acme No. 1—Hand Power Stapler, holds 100 staples. Automatic feed, anti-clogging device. Shipping weight 9 lbs. Price\$7.50
- No. 1—Staples for same, box of 5,000.....\$1.50
- Tin Hand Staples, per box of 1,000.....1.10
- Piercing Tool for use with tin or copper coated staples, to guide the staples into the box. Each.....\$0.35
- Master Breeder 6 inch Redwood sticks, per 1000..\$4.00
- Master Breeder stick glue, per 1 gal. can.....\$1.50

Brooders

*OAKES' "ECONOMY" HOVER

LAMP-HEATED

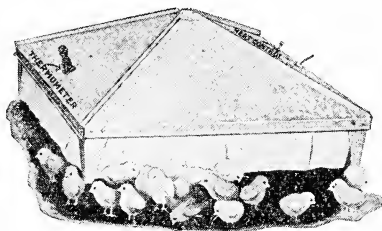
Simple in construction, made of steel throughout and durable. Can be lifted by its two handles without disturbing the lamp and used anywhere with perfect safety as it stands on a level floor; no platform or other preparation necessary. Only a small flame is required, as the lamp is inside and no heat is lost. The curtain is double and made of outing flannel.



No. G-102—18-inch drum, 50 to 75 chicks.....\$ 6.50

No. G-103—22-inch drum, 100 to 125 chicks.....10.00

*OAKES' NEW AND IMPROVED ELECTRIC BROODERS



The canopy and legs are made of high quality galvanized steel of four pieces bolted and spot-welded together. The 32 inch canopy will support the weight of an average sized man.

Top is lined with asbestos and has Celotex deck above the heating element to retain the heat, in the 32 and 42 inch sizes. In addition to the Celotex insulation there is a metal heat deflector which distributes the heat.

Ventilation is provided through a series of draft chutes located above the heating element.

Each brooder is equipped with special wafer thermostat and electric cut-off switch provides automatic regulation of the heat at all times.

Special thermometer, eight feet of drop cord, curtains, and pilot light furnished as regular equipment with all brooders.

No. F 90—22" Brooder complete, 100 chick.....\$12.00

No. F 91—32" Brooder complete, 300 chick.....16.00

No. F 92—42" Brooder complete, 600 chick.....20.00

No. G-920—52" Brooder complete, 1000 chick.....25.00

Automatic Heat Control. No attention required.

BUCKEYE ELECTRIC BROODER

After four years' experimental and development work the Buckeye Electric Brooder has been perfected. Poultrymen can now secure a brooder heated by electricity that will give them maximum of brooding satisfaction without the disadvantages that have heretofore been common with brooders of the electric type.

Buckeye Electric Switches are dependable. The heating elements are sturdily constructed, built to last and automatically controlled and are designed for 100 to 125-volt current.

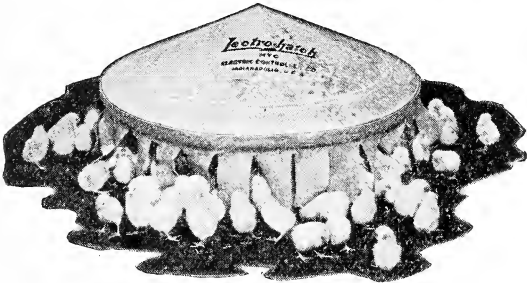
Buckeye Electric Brooders are made in four sizes, with capacities of 50, 100, 200 and 300 chicks respectively. These brooders will actually take care of this quantity of chicks. Do not be fooled by large ratings of competitive brooders. With electric brooders it is necessary to use a curtain as shown in the illustration. If you compare the diameter of Buckeye canopies and chick rating with the diameter of canopies of competitive brooders and their chick rating, the accuracy of Buckeye rating is easily determined.

Chick capacity
Diameter of Canopy.....
Price



| | | | |
|---------|---------|---------|---------|
| No. 90 | No. 91 | No. 92 | No. 93 |
| 50 | 100 | 200 | 300 |
| 26 in. | 36 in. | 46 in. | 56 in. |
| \$14.50 | \$19.75 | \$24.75 | \$29.50 |

Made in Two Popular Sizes 150-Chick and 500-Chick



It's all Brooder—No Lamp, No Stove!

Lectro-hatch

ELECTRIC BROODERS

The Lectro-hatch Brooder has the same principle of reliable heat and automatic temperature control as the Lectro-hatch Incubator. Night or day the temperature in your brooder never varies. There are no ups or downs—no frozen or roasted chicks. Chicks breathe free, pure air all the time. Pure air, unchanging heat and no crowding will prevent a big part of your usual chick losses. Lectro-hatch Brooders are strongly built of heavy galvanized metal, with heavy felt curtain—sturdy, attractive, efficient, and durable.

| | |
|---------------------|---------|
| 150 chick size..... | \$18.00 |
| (28 inch diameter) | |
| 500 chick size..... | 23.50 |
| (40 inch diameter) | |

OAKES' OUTFIT for Home-Made Electric Brooder

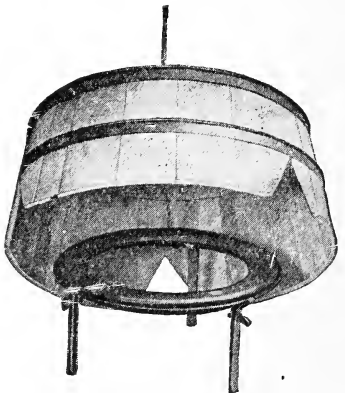
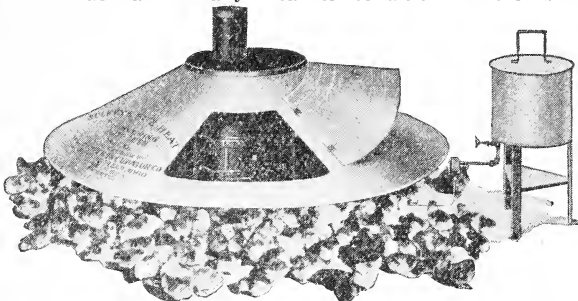
Now you can make your own Electric Brooder at very small cost. Simply use the Oakes outfit illustrated below in connection with a wooden tub, half barrel, or wooden box and you'll have a thoroughly dependable electric brooder at a very economical cost. Outfit consists of heater complete with legs and 8 feet of drop cord with detachable plug. We do not furnish tub shown in illustration. Works on 110-volt A. C. or D. C. No. G-93—Each

.....\$8.25

BUCKEYE "RITE-HEAT" OIL BURNING COLONY BROODER

A large-capacity oil-burning brooder that does everything a coal-burning brooder will do. It will care for large flocks of chicks. It is sensational in its chick-saving ability. It is amazingly easy and simple to operate. It gives a tremendous amount of heat. The heat is radiated down to the chicks—to every inch of the brooding area—with greatest efficiency. It requires a surprisingly small amount of fuel. It saves chicks where other brooders fail. It vastly increases poultry profits.

It heats a large area and heats it abundantly. It gives surpassing results under almost any weather condition. There is no limit to the



amount of heat it will produce. It will care for big broods of chicks regardless of sudden changes in the weather outside.

The "Rite-Heat" oil burner is a triumph in oil burner design. It provides a clean, hot flame that is thoroughly reliable and dependable. It consumes perfectly every drop of oil. There is positively no carbon.

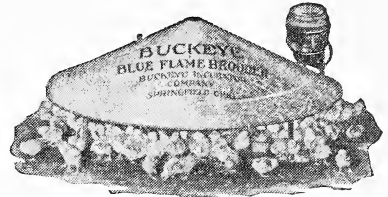
The Buckeye "Rite-Heat" Thermostatically Controlled Regulator is the simplest, most dependable ever devised for brooder use. It responds instantly to the slightest change. It insures ideal temperature under the hover at all times.

| | | |
|------|--|---------|
| No. | Canopy | Weight |
| 101— | 48 inch; 500 chick size; 108 lbs..... | \$26.50 |
| 102— | 62 inch; 1000 chick size; 118 lbs..... | 31.50 |

BUCKEYE "COLONY" BROODERS RAISE EVERY RAISABLE CHICK

The Buckeye Oil-Burning Brooder has the new improved Burner that gives the maximum amount of heat with the minimum consumption of oil. It is a wick burner and the oil is fed by gravity. Buckeye is self-feeding and self-regulating; it doesn't clog; it doesn't flare up; it doesn't go out. Can be safely operated on any floor. Has "Diafram" Heat Conveyor, so attached to the canopy that it insures the radiation of heat to the very outside of the brooding area.

| | Capacity | Canopy | Shipping Weight | Price |
|----------------|------------|---------|-----------------|---------|
| No. 27-A | 200 chicks | 34-inch | 40 lbs. | \$16.75 |
| No. 80 | 350 chicks | 42-inch | 50 lbs. | 17.50 |
| No. 81 | 500 chicks | 52-inch | 60 lbs. | 18.50 |



Buckeye Oil Burner

BUCKEYE COAL BURNING BROODER

DOUBLE CHECK DRAFT—REVOLVING HOVER

The new Buckeye Brooder has a Double Check Draft. It controls the fire with 50% greater efficiency; controlled by the Buckeye Thermostat which is self-regulating. It so operates as to prevent the fire from going out, from underheating and from overheating. The new Hover is Revolving. It saves time, work and trouble. Every attention is given the brooder by simply turning the Hover door to the desired position.

SPECIFICATIONS OF BUCKEYE COAL-BURNING BROODERS

| | |
|--|---------|
| No. 117—42" Hover, Up to 350 chicks, 75 lbs..... | \$14.75 |
| No. 118—52" Hover, Up to 500 chicks, 95 lbs..... | 18.50 |
| No. 119—56" Hover, Up to 1000 chicks, 130 lbs..... | 22.50 |

BUCKEYE INCUBATOR AND BROODER EXTRA PARTS

FOR INCUBATORS

| | |
|---|--------|
| Buckeye Universal Thermometers..... | \$1.00 |
| Holders for Old Style Thermometers..... | .15 |
| Lamp Bowls for all Incubators..... | 1.00 |
| Lamp Burner No. 35 (For Incubators Nos. 1, 2, 14 and 16)..... | .75 |
| Nos. 3, 4, 5 and 17)..... | 1.00 |
| Lamp Burner No. 330 (For Incubators) | |
| Lamp Chimneys for all Incubators..... | .50 |
| Lamp Wicks for all Incubators, per dozen..... | .35 |
| Connecting Rod and Nut for Regulators..... | .50 |
| Egg Tester | .50 |
| Drain Cap for Incubator Tanks..... | .25 |
| Filler Cap for Incubator Tanks..... | .35 |
| Filler Cap for Lamp Bowls..... | .25 |
| Extra Tanks for Buckeye Incubators— | |
| For Incubator No. 1 (Copper)..... | 7.50 |
| For Incubator No. 2 (Copper)..... | 9.00 |
| For Incubator No. 3 (Copper)..... | 12.00 |
| For Incubator No. 4 (Copper)..... | 15.00 |
| For Incubator No. 5 (Copper)..... | 22.50 |
| For Incubator No. 14 (Copper)..... | 6.00 |
| For Incubator No. 16 (Copper)..... | 7.25 |
| For Incubator No. 17 (Copper)..... | 10.50 |

FOR OIL BURNING BROODER

| | |
|--|---------|
| Brooder complete, less canopy, for No. 27-A.... | \$13.50 |
| Brooder complete, less canopy for Nos. 28-A and 29-A | 15.00 |
| Canopy complete for No. 27-A..... | 6.50 |
| Canopy complete for No. 28-A..... | 9.00 |
| Canopy complete for No. 29-A..... | 11.00 |
| Burner with Wick for No. 27-A..... | 5.00 |
| Burner with Wick for Nos. 28-A and 29-A..... | 7.50 |
| Outside Enameled Chimney for No. 27-A..... | 1.50 |
| Outside Enameled Chimney for Nos. 28-A and 29-A | 2.50 |
| Inside Perforated Chimney for No. 27-A..... | .50 |
| Inside Perforated Chimney for Nos. 28-A and 29-A | .60 |
| Central Perforated Chimney for No. 27-A..... | .50 |
| Central Perforated Chimney for Nos. 28-A and 29-A | .60 |
| Oil Jug with Automatic Valve..... | 1.50 |
| Automatic Valve for Oil Jug..... | .50 |
| Supply Pipe with Oil Cup and Stand..... | 6.50 |
| Wicks for No. 27-A..... | .50 |
| Wicks for Nos. 28-A and 29-A..... | .75 |
| Leg for Canopy | .50 |

FOR COAL BURNING BROODER

| | |
|---------------------------------------|--------|
| Wafer Thermostat (Fit all sizes)..... | \$0.50 |
|---------------------------------------|--------|

FOR PORTABLE BROODER

| | |
|-----------------------------|--------|
| Thermometers (Tested) | \$1.25 |
|-----------------------------|--------|

NOTE—We carry above parts in stock and can make immediate shipment. For parts not listed will have them forwarded to you direct from factory.

PAINT THE ROOSTS WITH

Black Leaf 40
40% Nicotine

Kills
Aphis

Kill lice on your entire flock whether 50 birds or 5,000. Use a small paint brush; or squirt a thin line of "Black Leaf 40" on the top of the roosts with a small oil can.

Works While They Roost

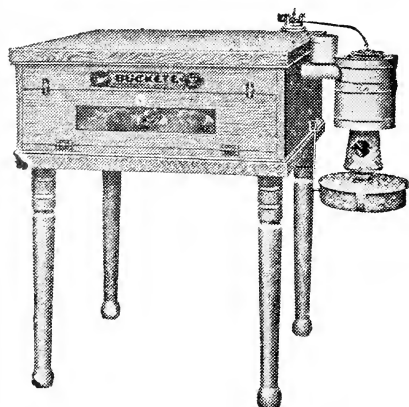
So easy and effective that lice control is no longer a disagreeable, unwelcome task.

PACKING AND PRICES

| | |
|--|---------|
| 1/2-lb. bottle | \$ 1.25 |
| Covers 90 to 120 running feet of roost. | |
| 1-oz. bottle | .35 |
| Covers 12 to 15 running feet of roost. | |
| 10-lb. tin | 11.85 |
| Covers 1,900 to 2,400 feet of running roost. | |
| 2-lb. tin | 3.25 |
| Covers 385 to 480 running feet of roost. | |

"BLACK LEAF 40"
Kills Poultry Lice

BUCKEYE INCUBATORS AND BROODERS



Buckeye "Standard" No. 3

Buckeye Incubators are the result of over thirty-five years of study and experiment. There are no other incubators like them. Buckeye "Standard" Incubators are made with double-thick case. Heat insulation is practically perfect. The hot water circulating tank is of pure copper—it will never rust or corrode. The automatic regulator assures uniform temperature at all times without any attention whatever. The lamp is supplied with either an oil or gas burner—each one efficient, economical in operation, dependable and fire-proof. Buckeye "Style E" Incubators are a little more simply constructed and a little less expensive in price—but they contain all the essential features of Buckeye design.

Note this: Both Buckeye "Standard" and Buckeye "Style E" Incubators carry the same unlimited guarantee—to hatch every hatchable egg every time and under all conditions. You can select either type of Buckeye Incubator and be sure of the best possible hatching results.

CAPACITIES AND WEIGHTS

| "Standard" | | |
|--------------------------|-------|---------|
| No. 1—120 eggs, 110 lbs. | ..... | \$30.00 |
| No. 2—175 eggs, 135 lbs. | ..... | 35.00 |
| No. 3—250 eggs, 200 lbs. | ..... | 46.50 |
| No. 4—350 eggs, 230 lbs. | ..... | 55.00 |
| No. 5—600 eggs, 325 lbs. | ..... | 87.50 |

| "Style E" | | |
|---------------------------|-------|---------|
| No. 14—65 eggs, 55 lbs. | ..... | \$16.50 |
| No. 16—110 eggs, 85 lbs. | ..... | 22.50 |
| No. 17—210 eggs, 125 lbs. | ..... | 30.00 |

Lectro-hatch

ELECTRIC INCUBATORS

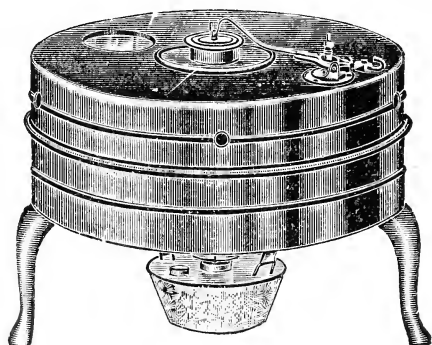
"DO IT ELECTRICALLY!" Lectro-hatch incubators and brooders have made poultry raising safe, easy and certain. Chicks hatched by electricity have the appearance of being a week old the day they're hatched. Even heat and fresh, pure air gives the chick every advantage for life, growth and development that Nature intended.

| | |
|-------------------|---------|
| 65 egg size..... | \$23.50 |
| 150 egg size..... | 38.00 |

When ordering Lectro-hatch incubators or brooders, state voltage of your electric current.



RELIABLE BABY GRAND INCUBATOR



50-Egg Hot Air

It is double-walled with a circulation of warm air between walls, windows in top to see thermometer without opening machine. It is self-regulating and a positive success. Can be shipped by parcel post, express or freight, packed all in a carton ready to operate.

Price\$6.50
Capacity, 50 chicks. Weight 18 pounds.

**Stops
Losses
Now!**



**Money-
Back
Guar-
antee**

COCCIDIOSIS REMEDY

**Dead Chicks Lose You Money
S-P Coccidiosis Remedy Will
Keep Them Alive**

Given in the drinking water. No starving of birds—no inconvenience. Easy to apply, is an excellent preventive. One box treats 100 to 125 chicks. Simply dissolve in the water.

Price, per box.....\$1.00

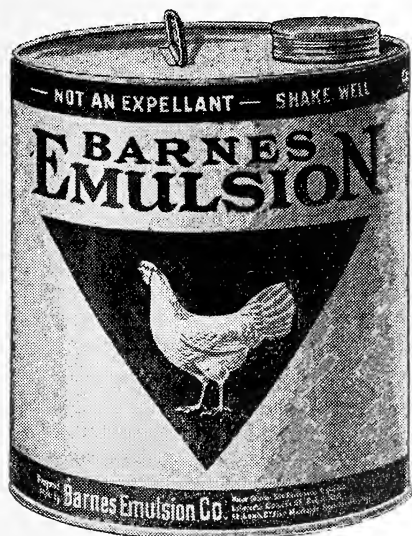
COMMON SENSE vs WORMS

"COMMON SENSE vs. WORMS" is the name of a 32-page booklet, brimful of interesting information for poultry-folks whose chickens are backward in growth and development, have pale faces and shanks, and stand around droopy, with eyes closed. If there is a steady and comparatively high mortality in your flock; if some of your birds "go light," then die; or if they are affected with brownish diarrhoea, the cause is likely to be from intestinal worm infestation.

Other effects of worm infestation include: irregularity in egg laying, going lame, or developing "staggers," and particularly a condition of low vitality so they easily catch colds, sneeze, have watery eyes, canker, roup and chicken pox.

TO CONTROL THE WORM EVIL

you have your choice of EXPELLING them by dosing your birds with tobacco, nicotine and other vermifuges—OR feeding Barnes Emulsion to your birds in their water or mash. The main objection to EXPELLING the worms is that THOUSANDS of WORM EGGS are also apt to be expelled, to be picked up by the birds, causing a re-infestation more disastrous than ever, WHEREAS THE ACTION OF BARNES EMULSION IS TO AID IN SOOTHING AND HEALING THE INFLAMED INTESTINAL TRACT and build health and vitality in the fowl while at the same time preventing round worm larvae, in the intestinal tract, from developing into worms. TO PROVE THE MERIT AND WONDERFUL EFFECTIVENESS OF EMULSION TO YOUR OWN SATISFACTION, you need only to obtain a can of it and make a comparative test as explained on page 13 of the booklet.



"Common Sense vs. Worms"

*Prices: Pt., 60c; Qt., \$1.00; Gal., \$3.00; 5-gal. Keg., \$12.50; 30-gal. Barrel, \$58.50.

Delivered anywhere in the U. S. only.

DISINFECTANT
PURIFIER

STERILAC

GERMICIDE
DEODORANT

The Sure Germ Killer

STERILAC has overcome all disadvantages of other chlorine disinfectants and germicides. It comes in powder form—and you do not have to pay heavy freight charges on water which can be added just as well by you as by anyone else.

Being in powder form, there is less possibility of deterioration when subjected to air than when held in suspended form in water.

It may be used in either hot or cold water, whereas in the past, such germicides deteriorated when placed in hot water.

STERILAC is 45 times stronger than carbolic acid as a germicide, yet it can be used without danger of poisoning.

STERILAC is especially effective for colds, roup, chicken pox and infectious bronchitis. A one-pound bottle of STERILAC will make 480 gallons of sufficient strength for most purposes. Each gallon of solution will cost about one cent.

STERILAC is the most efficient disinfectant and deodorant for the dairy; the perfect sterilizer for the home. Write for Sterilac Booklets: "Sterilac for the Poultryman," "Sterilac for the Dairyman," "Sterilac in the Home." Used by such well-known poultrymen as

Dixie Poultry Farm, Brenham, Texas.

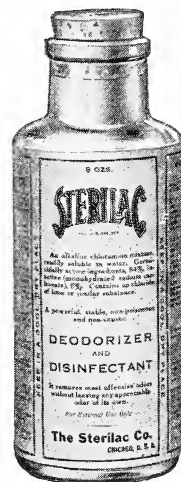
Claremore Hatchery, Claremore, Okla.

Roy McDonald, Dallas, Texas.

P. E. Payne, Stephenville, Texas.

*2-ounce bottle\$1.00
*8-ounce bottle 2.50

*16-ounce bottle\$ 4.50
*5-pound can 16.75



NOTICE

Five ounces of Sterilac will make a gallon of concentrated solution equal in strength to the best sodium hypochlorite on the market. If you have been accustomed to using sodium hypochlorite you may find it convenient to make up a stock solution by adding five ounces of Sterilac powder to a gallon of water. Then use this concentrated solution as you have been accustomed to using sodium hypochlorite solutions.



*CONKEY'S POULTRY REMEDIES

Your money cheerfully refunded if any Conkey remedy does not satisfy. Conkey's Poultry Book Free if you call at our store or mailed for 6 cents in stamps to cover postage for mailing.

| | |
|---|-------------------------------------|
| *Conkey's Sorehead Remedy | Pkg., 25c-50c |
| *Conkey's Roup Remedy | Pkg., 25c-50c-\$1.00 |
| *Conkey's Roup Pills | Pkg., 25c-50c-\$1.00 |
| *Conkey's White Diarrhea Remedy | Pkg., 30c-60c-\$1.20 |
| *Conkey's Cholera Remedy | Pkg., 25c-50c-\$1.00 |
| *Conkey's Canker and Bronchitis Remedy | Pkg., 50c |
| *Conkey's Limberneck Remedy | Pkg., 50c |
| *Conkey's Rheumatic Remedy | Pkg., 50c |
| *Conkey's Blackhead Remedy | Pkg., 50c |
| *Conkey's Poultry Worm Remedy | Pkg., 25c-50c |
| *Conkey's Poultry Conditioner | Pkg., 25c-50c |
| *Conkey's Poultry Laxative | Pkg., 25c |
| *Conkey's Scaly Leg Remedy | Pkg., 25c |
| *Conkey's Gape Remedy | Pkg., 25c |
| *Conkey's Head Lice Ointment | Pkg., 10c-25c |
| *Conkey's Lice Fix | Pkg., 25c-50c |
| *Conkey's Flea Salve | Pkg., 25c |
| *Conkey's Poultry Tonic | Pkg., 25c, 50c, 12 lb. pail, \$1.60 |
| *Conkey's Nox-i-cide (Dip and Disinfectant) Pt., 50c; Qt., 80c; ½ Gal., \$1.30; Gal., \$2.00. | |

Conkey's Y-O, to be mixed in mash feeds, 1 lb., 55c; 2 lbs., \$1.00; 5 lbs., \$2.00

*LE GEAR'S POULTRY AND STOCK REMEDIES

*LE GEARS POULTRY PRESCRIPTION

Helps to make hens lay and to keep poultry healthy. A good general Tonic and Remedy for many ailments of poultry. It is especially beneficial during the Moulting, in the breeding season and during the winter time. Put up in 25c, 50c, and \$1.20 packages, \$3.00 pails.

*DR. LeGEAR'S DIP AND DISINFECTANT

An excellent Antiseptic, Disinfectant, Germicide and Deodorant for both home and stable use. Good for Lice, Fleas, Sheep Scab and many forms of Ticks, Itch and Mange on Horses, Cattle, Hogs, Sheep, Goats, Dogs and Poultry.

Put up in quart, 70c; half gallon, \$1.15; one gallon, \$1.75.

Special—Bring in your empty cans and let us fill it with *LeGears Dip and Disinfectant at \$1.25 per gallon.



| | |
|---|--------------------------------------|
| *Dr. LeGear's Stock Powder | 25c, 50c and \$3.00 pails |
| *Dr. LeGear's Hog Prescription | ¾ lb. pkg., 75c, 25 lb. pail, \$3.75 |
| *Dr. LeGear's Healing Powder | 30c |
| *Dr. LeGear's Lice Killer Powder | 25c |
| *Dr. LeGear's Chick Diarrhoea Tablets | 30c |
| *Dr. LeGear's Sorehead Remedy | 25c |
| *Dr. LeGear's Poultry Bowel Regulator | 25c |
| *Dr. LeGear's Gall Remedy | 25c |
| *Dr. LeGear's Worm Powder | 50c |
| *Dr. LeGear's Heave Remedy | 50c |
| *Dr. LeGear's Poultry Worm Pills | 50c, \$1.00 |

*Germo CHOLERINE

Recognized by small users, as well as big commercial houses, who maintain feeding stations and poultry ranches, as one of the foremost remedies and tonics on the market. CHOLERINE should be purchased in quantities adaptable to the size of your flock 3 oz., 35c; 16 oz., 60c; 32 oz., \$1.00.



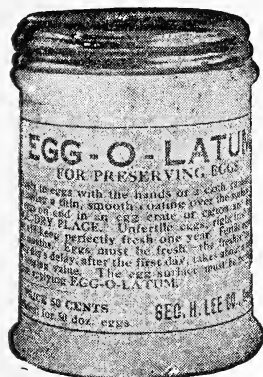
*Germo GERMOFORM

The regular inhaling of the diffused germicidal gases from GERMO FORM is the most efficient and practical method for prevention and quick relief of Roup, Colds, Bronchitis, Pneumonia, Diphtheria, Influenza and All Infectious Poultry Diseases of Head, Throat, and Respiratory Organs.

GERMO FORM imparts a clean odor, purifies the air, and allays offensive and disagreeable odors. Because of the specially refined stabilized formaldehyde base and the added ingredients, GERMO FORM is decidedly less irritating and retains its potency for a maximum period. 8 oz., 50c; 16 oz., 90c.



*GEO. H. LEE CO., PRODUCTS



*EGG-O-LATUM

Rub a fresh egg with Egg-o-latum. Set it away on end in a cool, dry cellar and it will keep perfectly fresh for one year. Price, 50c.

*LEE'S SMOKE FLAVOR

The modern way of curing sausage, hams and bacon. No smoking necessary. Does away with the worry of having your meat house and smoke house go up in flames and saves lots of time and worry and cures your meat better. 12 oz. bottles, 50c; not mailable.



*LEE'S LICE KILLER

It kills by vapor and contact. It gives double service. Painted on the roost it kills insects with which it comes in contact, and the vapor arising kills lice on the bodies of the chickens as they roost over night, also the insect causing scaly leg. Not mailable. Price—Quart can, 60c; 1/2 gallon, 90c; gallon can, \$1.50; 5 gallon, \$6.75.

*LEE'S EGG MAKER

Hastens the moult, tones up the system, stimulates the egg-producing organs without injury, and lengthens the period of egg production. 2 lb. pkg., 50c; 5 lb. pkg., \$1.00.

*GERMOZONE

Is a most effective remedy for diseases affecting the skin and semi-exterior mucous membrane of man, fowl or beast.

For Poultry—Roup, colds, canker, chicken-pox, sore head, swelled head, cholera, bowel trouble, etc.

For Stock—Cuts, sores, wounds, sore eyes or mouth, saddle or harness galls, swelling, skin diseases, etc.

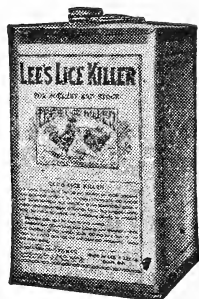
| | | | |
|----------------|--------|------------------|--------|
| 4 oz. at..... | \$0.40 | Quart Size | \$1.50 |
| 12 oz. at..... | .75 | 1/2 Gallon | 2.50 |
| Gallon | | | \$4.50 |

*GERMOZONE TABLETS (Mailable)

Small size, 20 tablets.....25c Large size, 75 tablets.....65c

*LEE'S HEALING POWDER

Splendid for cuts and sores on animals.....25c



RID YOUR POULTRY OF WORMS

*LEE'S GIZZARD CAPSULES

An Insoluble Capsule carrying a triple combination worm medicine for Tape worms, Round worms and Pin worms. Being insoluble, it passes through the mouth, throat, crop and stomach of the fowl to the gizzard where it is ground up like a grain of corn, pouring the full strength, undiluted medicine directly into the intestines upon the worms.

It is five times as effective as worm remedies given in the food or drink, which dilutes and weakens them; it is three and a half times as effective as soluble capsules dissolving in the crop, or liquids deposited in the crops with a syringe.

Poultry authorities and medical scientists have welcomed the "Gizzard Capsule" as the most forward-reaching step in furthering the fight against intestinal parasites of poultry.

ADULT SIZE

One for full-grown chickens.
(Not bantams.)
One for full-grown turkeys.
Two for turkeys over fifteen lbs.
One Adult Size Equals Three
Chick Size

ADULT SIZE

| | |
|----------------------------|---------|
| * 50 Capsules, pkg. | \$ 1.00 |
| * 100 Capsules, pkg. | 1.75 |
| * 500 Capsules, pkg. | 7.00 |
| * 1000 Capsules, pkg. | 12.00 |

CHICK SIZE

One for chicks 1 to 2 lbs. Including bantams.
One for turks 2 to 4 lbs.
Two for chicks 2 to 4 lbs. Including bantams.
Two for turks 4 to 6 lbs.

CHICK SIZE

| | |
|----------------------------|--------|
| * 100 Capsules, pkg. | \$1.00 |
| * 500 Capsules, pkg. | 4.50 |
| * 1000 Capsules, pkg. | 8.00 |



FOR BLUE BUGS

MARTIN'S POULTRY TONE

Martin's Poultry Tone Is a Tonic to be fed to poultry that have been exposed to blood sucking insects. Poultry that have been exposed to blood sucking insects show a loss in vitality, and in some cases the vitality of the fowl is reduced to where they become weak and in some instances can not walk. Martin's Poultry Tone is to be mixed in bran or dry mash as per directions on package. 1 lb. Pkg., 50c; 2 1/4 lb. Pkg., \$1.00; 5 lb. Pkg., \$1.75.



Rids poultry of all blood sucking lice, mites, fleas, blue bugs, cleans them of all intestinal worms and parasites. It is also a wonderful poultry tonic, blood purifier, health builder and egg producer. It contains lots of sulphur, compounded scientifically with other health building ingredients. Known remedies for preventing disease. "Prevention is cheaper than cure." Keep your flock free of insects and intestinal worms and their system in good condition through the winter and you will get good hatchings and strong chicks in the spring. A supply to last through the winter and spring will cost very little. Give it a six days trial at our risk. Money back if not pleased. 50c and \$1.00 bottle, not postpaid.



Dr. Hess Stock and Poultry Preparations

DR. HESS & CLARK, INC.
GUARANTEE A PROFIT OR YOUR MONEY BACK

DR. HESS POULTRY PANACEA

Helps to make poultry healthy and to make hens lay. Not a stimulant, but a tonic that tones up the dormant egg organs, brings back the scratch and cackle, and compels each hen to put her share of eggs in the market basket.

Always buy according to the size of your flock: 100 lb. drum, \$12.00; 50 lb. drum, \$6.50; 25 lb. pail, \$3.50; 12 lb. package, \$1.75; 5 lb. package, 85c; 1 1/2 lb. package, 30c.

DR. HESS STOCK TONIC IMPROVED—WITH MINERALS ADDED A Conditioner and Worm Expeller

Promotes health—makes hogs, cows and sheep more profitable—keeps horses and mules in good condition.

Rids hogs of worms, makes the runts thrive and the whole herd gain faster.

Contains tonics to whet the appetite of cows, laxatives to keep the bowels in order, diuretics for the kidneys, and the needed minerals usually lacking in ordinary rations.

Always buy according to the number of animals you have: 100 lb. drum, \$12.00; 50 lb. drum, \$6.50; 25 lb. pail, \$3.50; 10 lb. package, \$1.50; 3 1/2 lb. package, 65c.

DR. HESS DIP & DISINFECTANT

Kills hog lice, sheep ticks, and other animal parasites. For general disinfecting about stables, dairy barns, poultry houses, and the household. It is standardized, always uniform in strength. Makes a milky-white emulsion. 1 gallon, \$2.25; 1/2 gallon, \$1.30; qts., 75c; pts., 50c.

DR. HESS FLY CHASER

—has the odor of the pines

Pleasant to folks, but repelling to flies and mosquitoes. Prevents the summer milk slump. Besides being a most efficient fly repellent, it is a disinfectant, antiseptic and deodorant. Will not taint the milk; will not stain or gum the hair. It is a skin cleanser. 5 gallon, \$8.25; gallon, \$1.75; 1/2 gallon, \$1.00.

DR. HESS ROUP TABLETS

For Roup, Diphtheria, Chicken Pox, Canker and all catarrhal diseases in poultry. Given in the drinking water. It is antiseptic, slightly astringent, non-irritating. It dries up the mucous discharges and heals effected parts. 225 Tablets, \$1.00; 100 Tablets, 50c.

DR. HESS WHITE DIARRHOEA TABLETS

For Common Diarrhoea, Bacillary White Diarrhoea, Coccidiosis, or any form of bowel trouble affecting poultry. Used as a preventive and as a treatment. Given in the drinking water. 225 Tablets, \$1.00; 100 Tablets, 50c.

DR. HESS LOUSE KILLER

Kills lice on poultry, horses, and cattle; sheep ticks; bugs on cucumber, squash, and melon vines; slugs on rose bushes, ants. Non-poisonous; can be used in safety on edible plants. Sold in sifting-top cans. 2 1/2 lb. can, 60c; 1 lb. can, 30c.

DR. HESS HEALING POWDER

An Antiseptic Treatment for Open Wounds and Abrasions

For veterinary use it is a recognized remedy for galls, cuts, thrush, mud sores, burns, wire cuts, ulcers, foul in the feet, fistula, chapped teats and surface wounds of every description. It also prevents proud flesh. Being a powder, stable dirt and dust will not stick to it.

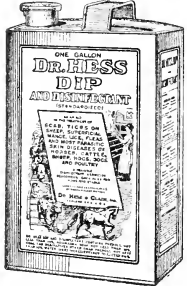
Put up in handy, adjustable, sifting-top cans. 10 ounce can, 50c; 4 ounce can, 25c.

DR. HESS POULTRY WORM POWDER

Quick In Action—Sure In Results

Placed in the morning mash for ten days it frees your poultry of worms on full feed without shock or evil effects to the system. Repeat in three weeks to prevent reinfestation. When used and prescribed will not check the growth of chicks or throw hens into moult or off production.

10 lb. package, \$3.25; 4 lb. package, \$1.50; 1 1/2 lb. package, 60c.



*JAHNKE'S ROUP REMEDY



For roup, colds, cholera, white diarrhoea, etc. Placed in the drinking water, it kills the germs without any effort on your part. Does not color the drinking water. An established remedy which does its work quickly and efficiently. Don't let your chickens suffer and die. Separate the sick ones from the others and treat vigorously. Full directions on box.

*Per box\$0.60

KNOX-OUT

K-O is safe, clean and clear—contains no tar, refuse, or heavy, dark oils. It has one hundred per cent efficiency and is highly economical. The combination of strangling, repelling and other effects on the flies, enables K-O to give the cows solid comfort and help maintain flesh and volume of milk. It gives you contented cows and help you save that 35% to 60% milk loss. It makes milking pleasant and comfortable for the herdsmen.

Gallon\$1.75





THE POWDER OF MANY USES



Gold Leaf Tobacco Powder
—Controls round worms in poultry, 2 lbs., 30c; 10 lbs., \$1.00; 100 lbs., \$7.50.

Walko — Especially valuable for white diarrhea among incubator chicks. Tends to increase strength and vitality and should be given in drinking water as a preventive from the time chicks are out of the shell. 50c and \$1.00 pkgs.

LILLY'S NICOTINE AND LLOYD'S REAGENT

A splendid preparation for intestinal worms. Do not give to birds under eight weeks of age. Bottle of 100 capsules, \$1.00.

CARBOLINEUM

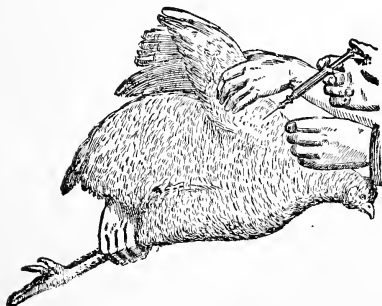
is a pure, unadulterated high boiling anthracene oil—a carbolineum of the highest grade—meeting Uncle Sam's requirements in every respect and it is

Sure Death to Mites and Blue Bugs

Can be applied with a brush, like paint, or sprayed on as preferred. One application will do the work. It should not be applied to the chickens. One gallon will go over an ordinary chicken-house, size 8x12. Comes in quarts, half gallons and gallons. Qts., 65c; ½ Gals., 90c; 1 Gal., \$1.50. Bring in Your Empty Cans and Let Us Fill It With Carbolineum at \$1.25 Gallon

AVIAN BACTERIN

Vaccination Pays



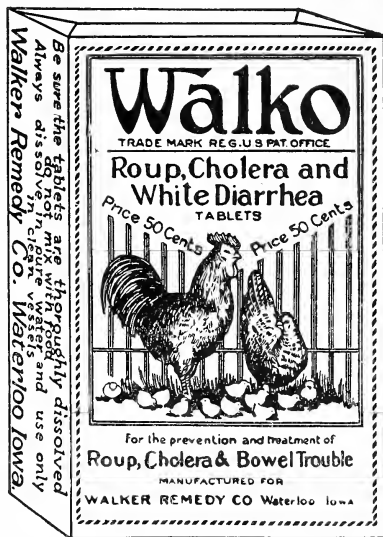
Stops poultry losses. Increases profits. Best preventative and treatment of mixed infections in poultry, including diphtheria, roup, colds, canker, cholera and their complications.

Vaccinate with Avian Mixed Infection Bacterin.

Carbola is a white paint and powerful disinfectant combined in powder form. It is ready to use as soon as it is mixed with water. It can be easily and quickly applied to building interiors with brush or spray pump. Disinfects and dries pure white. Does not flake or peel off. One pound covers 100 sq. ft.

Carbola makes buildings light, clean, sweet-smelling and sanitary. Helps to prevent contagious diseases among live stock and to keep poultry, cattle, horses, etc., free from lice, mites and other parasites. Recommended by leading agricultural colleges, experiment stations and health authorities for use in poultry houses, stables, dairies, hog pens, cellars, garages, dog kennels, rabbit hutches, factories, warehouses, out-buildings, on trees and tree trunks, and in the garden.

5 Lb., Pkg. \$0.85
10 Lb., Pkg. 1.50
50 Lb., Bag 5.50



60 doses \$2.00
120 doses 3.00
250 doses 5.00
500 doses 7.50
Quitman Syringe 1.50
10-dose Glass Syringe 1.25

Pratts



Pratts Bag Ointment 50c

COW TONIC

This splendid tonic is made specially for cows. It contains no filler and no antimony, arsenic or dangerous minerals. Mixed with the feed it helps the digestion, regulates the bowels, tones up the reproductive system, helps prevent abortion, costs little and pays you big profits. Absolutely guaranteed. Try it. 50c.

Pratts



POULTRY REGULATOR

Used by most successful poultrymen all over the world, for over 50 years. It is not a dope or stimulant but furnishes the necessary health and egg making elements that feeds lack. It makes healthier hens, more eggs, shortens the moult, increases growth, aids digestion, regulates the bowels and keeps your fowls toned up and producing. 25c and 50c.



Note These Remarkable Qualities

Powerful. By Government Method of test B-K has over ten times greater germ-killing strength than carbolic acid. Much stronger than coal tar disinfectants—much safer.

Safe. B-K is colorless, leaves no stain on floors, walls or utensils. Does not soil animal's hair.

Deodorant. B-K destroys foul odors—leaves no odor of itself.

Cheap to Use. B-K is so strong that much water is used in diluting. One gallon B-K makes 200 to 500 gallons of dilution ready for use according to the purpose.

Stops and cures Roup, Canker, Scaly Legs, Bumblefoot, Chicken Pox, Black Head in Turkeys and other contagious poultry diseases.

FOR YOUR SHOW BIRDS

B-K removes all stains—keeps plumage, skins and combs clean and bright—destroys nits and eggs of lice. Keeps the flock healthy and snappy.

Greatest Household Purifier, Cleanser, Deodorant, Germ Destroyer.

Non-Poisonous, Colorless, Leaves no Odor. Circular on request.

Trial size, 60c; quart, \$1.25; gallon, \$3.00; 5 gallons, \$12.50. Express only.

SODIUM FLUORIDE—A preparation highly recommended by the U. S. Government for the control of poultry lice. May be used as a dip or dust. Lb., 35c.

CRUDE CARBOLIC ACID—Used by many poultrymen as a spray for the control of vermin in poultry houses. Gal., \$1.50; 5 gals., \$6.25.

COD LIVER OIL—To be used in poultry mashes. Experience has proven that Cod Liver Oil is very beneficial to poultry when mixed in fresh with mashes, but is of no value where it is mixed in and exposed to the air for a considerable length of time. 1/2 gal., \$1.10; 1 gal., \$2.00.

NUX VOMICA—To be mixed into poultry feed to kill hawks and rats. Will not affect poultry. Lb., 35c.

BURREL-DUGGER REMEDIES

Sold Under a Positive Money Back Guarantee If Not Satisfied



*DON SUNG

CHINESE FOR EGG-LAYING

It is a concentrated medicine—no needless bulk or filler—ready to add to your mash feed. It has a direct tonic action on the egg-laying organs and doesn't force or hurt the hen in any way. It produces more eggs by first putting the hen in good health, and then helping to maintain that health.

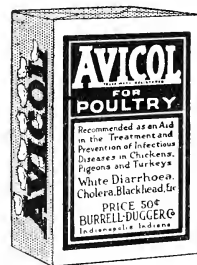
Small size, 50c; Large size, (3 times the 50c size), \$1.00; Special Size (6 times the \$1.00 size), \$5.00.*

*AVICOL

For White Diarrhoea in Chicks and Blackhead in Turkeys.

Avicol does the work in 48 hours. Almost from the very moment you drop the first Avicol tablet in the drinking water, the sick chicks start to get well. Usually, in a short time, the very ones that seemed too weak and sick to live another day, are running around as lively as crickets, full of pep, hungry, healthy, scratching and pushing for a place at the feeding trough.

Price, 50c; Special Large size (almost 3 times 50c size), \$1.*



Roup-Over

"The Over-Night Roup Remedy"

FOR ROUP, CANKER AND COLDS

Use Roup-Over at the very first symptom of Roup or Colds in your flock. It clears the air passages and brings relief with magic quickness. Easily used, both for individual treatment and in the drinking water for roup prevention.

Price, 50c; Large Size (3 times 50c size), \$1.*

*TALCUMIZED SODIUM FLUORIDE



"I Need T. S. F."

It kills both old and young lice, including unhatched lice present at the time of treatment. Talcumized Sodium Fluoride (called "T. S. F.") is made especially for poultry use. It is less irritating than straight Sodium Fluoride, penetrates the plumage more thoroughly, and comes packed in a moisture-proof, shaker-top package bearing the U. S. Government's directions for using. Small Size (for 50 chickens), 40c; Large Size (twice the 40c size), 70c; Special Size (5 times 70c size), \$2.65. The above prices include packing and postage.*

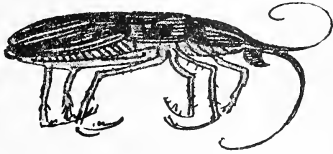
BLACK LEAF "40"

For Control of Poultry Lice

The new way for controlling poultry lice. Just paint on roost with a small brush or squirt a thin line of "Black Leaf 40" on top of the roosts with a small oil can. WORKS WHILE THEY ROOST. So easy and effective that lice control is no longer a disagreeable, unwelcome task. 1 oz., 35c; 1/2 lb., \$1.25; 2 lbs., \$3.25; 10 lbs., \$11.85.

INSECT POWDERS

**RED
SEAL**



***Red Seal Insect Powder**—Odorless and non-poisonous. A guaranteed exterminator of roaches, flies, water bugs and fleas. 4 oz. can, 50c; 10 oz. can, \$1.00.*

Pyrethrum Flowers Ground—A powder for use against mosquitoes, roaches, moths, flies, ants and many other insect pests. Lb., 60c.

Sodium Fluoride—Highly recommended for dusting or dipping poultry to destroy lice, also a splendid preparation to rid premises of roaches. 35c lb.

Martin's Liquid Bug Spray—A stainless insecticide with a pleasant odor used for bed bugs, roaches, mosquitos, etc. Pints, 40c; qts., 75c.

Bee Brand Powder—For mosquitos, roaches, flies, etc. 2 1/4 oz., 25c; 6 oz., 50c.

MARTIN SCREW WORM KILLER



Martin's Screw Worm Killer—Kills the worms quickly without any bad effects on the wound and assists as a fly repellent. 2 1/2 oz. can, 25c.

SEMI-SOLID BUTTERMILK

Semi-solid Buttermilk—1/4 bbl., per lb., 6 1/2c; 1/2 bbl., per lb., 6c; 1 bbl., per lb., 5 1/2c.

We do not ship less than 1/4 barrel of Semi-solid Buttermilk.

Kill the Weevils with PARADICHLOROBENZOL

(P. D. B.) A friend to the farmer and seedman who has been troubled with weevil. It is taking place of Carbon Bisulphide (High Life) as it lasts longer and no danger of fire. One ounce placed in a barrel of grain will do more good than 25c High Life. Every farmer should have a few pounds of P. D. B. handy when putting away his planting seed for the next season.

This white powder (P. D. B.) is recommended by the Department of Agriculture, Bulletin 1246, to combat borers around the base of trees. Use 1/2 oz., for one year old, 1/2 to 1 oz., for 3 to 5 year old and 1 to 1 1/2 ozs., for 6 year old trees. To apply, dig 3 inch trench around tree about 3 inches from the tree. Place (P. D. B.) in trench and cover with soil. This is not poisonous to humans, but will kill insects. 1/2 lb., 20c; 1 1/2 lb., 35c; 1 lb., 60c.

CARBON BISULPHIDE

Carbon Bisulphide—(High Life)—Used for ants and weevils. Pts., 50c; qts., 90c; gallon, \$2.25.

O. K. POULTRY LITTER

In general use by progressive poultrymen.



This litter does away with the lack of sanitation that is usually evident in poultry houses. It is a labor-saver; prevents dampness; is absolutely sanitary, prevents the spread of disease, absorbs offensive odors; keeps the birds clean; makes an ideal dust bath; keeps the house warmer in winter and cooler in summer. It is economical. Though the original cost may be slightly higher than other litters, it outlasts others two or three times and saves the labor of handling. It prevents fire because it will not blaze. It takes an intense heat even to make this litter smoulder. After being used in the poultry house, it makes a most valuable fertilizer. Many poultrymen sell their O. K. Poultry Litter manure mixture to gardeners, florists and nurserymen at a high price. It does not injure the birds if eaten. One bale will cover 240 square feet with 1-inch of litter. Bales weigh approximately 180 lbs. \$5.00 per bale, F. O. B. San Antonio.

POULTRY AND STOCK FEEDS

All prices quoted f. o. b. San Antonio, Texas, and subject to change without notice.

Mr. Poultryman—Write for our monthly price list. It will save you money.



| | Lb. | 25 Lb. | 100 Lb. |
|--|------------|--------|---------|
| Oyster Shell (Reef Brand) fine and coarse..... | \$0.02 1/2 | \$0.50 | \$ 1.00 |
| Pearl Grit, fine and coarse..... | .02 1/2 | .50 | 1.25 |
| Meat Scraps | .06 | 1.25 | 4.50 |
| Tankage | .06 | 1.25 | 4.50 |
| Bone Meal | .05 | 1.10 | 3.75 |
| Linseed Meal | .05 | 1.10 | 4.00 |
| Charcoal, fine and medium | .05 | 1.00 | 3.50 |
| Alfalfa Meal, Triple XXX Pea Green..... | .04 | .85 | 2.50 |
| Pepper Seed | .05 | 1.10 | 4.00 |
| Rolled Oatmeal | .06 | 1.25 | 4.50 |
| Blood Meal | .08 | 1.75 | 6.00 |
| Dried Buttermilk | .11 | 2.50 | 9.00 |
| Ground Oats Groats | .06 | 1.25 | 4.25 |
| Fine Ground Oats | .04 | .75 | 2.50 |
| Coarse Ground Oats | .04 | .75 | 2.40 |
| Sulphur | .10 | 1.75 | 5.00 |
| Epsom Salts | .10 | 2.00 | 5.50 |

STRAIGHT FEEDS

Straight Feeds—For the benefit of our customers who mix their own feeds, we carry a full line of straight feeds. Cotton Seed Meal, Alfalfa Meal, Unbolted Meal, Shorts, Wheat Bran, Corn Bran, Rice Bran, Yellow Corn Chops, Ground Oats, etc. Owing to market changes we cannot quote prices in this catalog, and will be pleased to send prices on request.



THE FEED IN THE RED CHAIN BAGS



We Have a SUPERIOR Feed for Your Every Need!

WE have been distributing SUPERIOR Feeds in RED CHAIN BAGS to the good people of San Antonio and vicinity for many years. If they were not the finest quality feeds on the market, we would have long since abandoned them in favor of better feeds.

But we can't find better feeds—anywhere! In fact, so far we haven't found any as good as SUPERIOR. Our customers tell us the same thing—and they should know, because they're buying these good feeds, feeding them to their cows, sows and hens—and they tell us they have plenty of PROFIT left after paying their feed bills.

Superior Orange Chick Starter
Superior Turkey Starter
Superior Chick Scratch
Superior Orange Growing Mash
Superior Growing Scratch
Superior Orange Egg Mash
Superior Hen Scratch
Superior Chicken Fatner
Superior Pigeon Feed

THE FEED YOU NEED

Superior Dairy Ration (24%)
Superior Moful
Superior Ful-Flo (18%)
Superior Cali Feed
Superior Alcomo (Horse Feed)
Superior Beef Ration
Superior Pig Feed
Superior Wa-Mo (Pig Supplement)
Superior Lamb and Sheep Feed

OUR success depends upon building up an ever-increasing number of permanent, satisfied customers. We're not interested in selling you one time—or in making a big profit on our dealings with you. We know that when we sell you the best feed at a fair profit—YOU WILL MAKE MORE MONEY from your livestock and poultry. We believe you will appreciate this fair treatment; we believe we'll merit your confidence, your friendship and your good will.

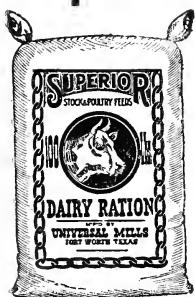
—and that, in brief, is why we want YOU to feed SUPERIOR. SUPERIOR feeders are our best friends and customers—because they're satisfied—and satisfied customers are our greatest asset.

SATEX SEED CO., Inc.

Phone Crockett 7283

529 S. Flores St.

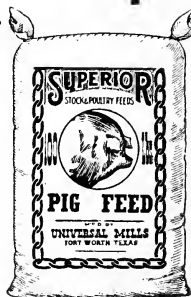
SAN ANTONIO, TEXAS

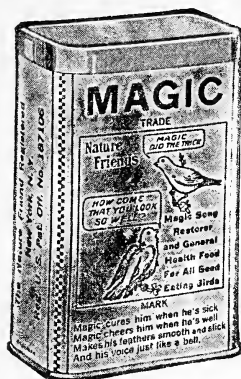


SUPERIOR Feeds Are Manufactured
and Guaranteed By

UNIVERSAL MILLS

GAYLORD J. STONE, President
FORT WORTH, TEXAS





*MAGIC SONG RESTORER

THE IDEAL SONG AND HEALTH FOOD

A mixture which we are glad to recommend to our customers as producing the best results. Containing more expensive ingredients than other song restorers. Contains egg flakes unexcelled for young birds. Per package, 30c.



CANARY BIRD FEEDS

| | |
|--|---------|
| | Lb. |
| *French's Mixed Bird Seed.. | 15c |
| *French's Gravel | 10c |
| Mixed Canary Seed..... | 15c |
| Composed of Hemp, Canary, Rape and Millet. | |
| Plain Canary Seed..... | 15c |
| Mixed Parrot Feed..... | 15c |
| Hemp Seed | 10c |
| Rape Seed | 15c |
| Poppy Seed | 30c |
| Siberian Millet Seed..... | 10c |
| Sunflower Seed | 15c |
| Cuttle Fish Bone..oz., | 10c 65c |
| Canada Peas | 10c |

SPRATT'S BIRD REMEDIES

SPRATT'S EGG-FLAKE AND FRUIT supplies the necessary ingredients for regulating and purifying the system, besides being invaluable as a change of diet. 1 lb. pkg., 25c.

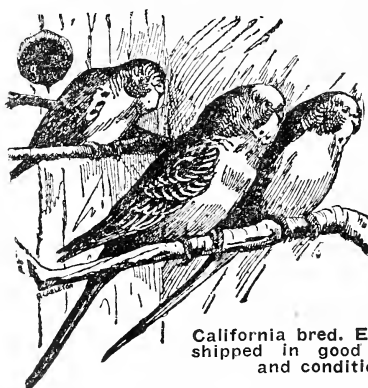
SPRATT'S COD LIVER OIL CAGE BIRD FOOD—A substitute for egg food. Rears from the shell. Per pkg., 20c.

SPRATT'S SING-SONG—An appetizing food and "pickme up" for all songsters. Per tin, 15c; 2 for 25c.

COLOR FOOD (Red and Orange.) Deepens and intensifies the natural color of the plumage. Begin to use this food when young birds are eight weeks old. For old birds it should be used at the beginning of the moult. In 2½ oz. tins. Per tin, 25c.

SPRATT'S MOULTING FOOD—It is not only a valuable tonic mixture but a flesh and bone-making food, keeping birds in good health during the moulting period. As a feather producer, it is unrivaled in 9 oz. packages. Per package, each 25c.

SPRATT'S BIRD LICE DESTROYER—For dusting the feathers. In guns. Per gun, 25c.



California bred. Every bird shipped in good plumage and condition.

This is the most popular and most desirable variety for keeping in captivity. It is known throughout the world as the Budgerigar or Undulated Grass Paroquet. They are quite small birds, the body being only about the size of a canary. The tails are long and graceful, making the entire length of the bird from seven to nine inches. The color is a beautiful shade of light green, handsomely mottled with dark green, yellow and with spots of blue on the head.

Pair\$7.00

PHILADELPHIA BIRD FOOD CO.

| | |
|---------------------------------|----------------|
| Bird Manna.....each, | 15c; 2 for 25c |
| Red Gravel, small size | 15c |
| Red Gravel, large size | 25c |
| Silver Gravel, small size | 15c |
| Silver Gravel, large size | 25c |
| *Mocking Bird Food..... | 40c |
| *Bird Bitters | 25c |
| *Song Restorer, Drahotas..... | 25c |
| *Mite Powder for birds..... | 25c |
| Nesting Hair in boxes..... | 10c |
| Nesting Food, box..... | 25c |
| *Orange color food..... | 25c |
| *Moulting Pepper | 25c |



MEXICAN DOUBLE YELLOW-HEAD PARROTS



The best of the parrot family when properly trained. The birds should be bought when they are young and trained as one desires them to talk. Old birds do not learn to talk readily. Trained birds are very much more expensive than the untrained, yet they are comparatively easy to train.

July and August
Birds. Each.....\$10.00

September and October
Birds. Each.....\$12.00

HALLERS BIRD REMEDIES



| | |
|---------------------------|----------------|
| Scaly Leg Oil..... | 25c |
| Feather Restorer | 25c |
| Health Food | 25c |
| Cuttle Bone & Holder..... | 10c |
| *Song Restorer | 25c |
| Bird Cage Wash..... | 25c |
| Bird Bath | 25c |
| Parrot Tonic | 25c |
| Bird Nesting | 10c |
| Mocking Bird Food..... | 35c |
| Lice Powder | 25c |
| Bird Pie | 15c, 2 for 25c |
| Moulting Food | 25c |
| Bird Bitters | 25c |

For Prompt Delivery. (See Page 1).

CANARIES

ST. ANDREASBERG ROLLERS
Singer

| | | | |
|---------------|---------|---------------|---------|
| Grade 1 | \$12.50 | Grade 1 | \$ 4.00 |
| Grade 2 | \$10.00 | Grade 2 | 3.00 |

F. O. B. San Antonio.

REMEMBER, if you are not satisfied with any bird you may purchase from us, return it and we will replace with another.

Bird Cages and Stands

BIRD CAGE STANDS

| | |
|--|--------|
| No. 57, Duco Half Moon, height 5 ft. 5 in..... | \$2.75 |
| No. 58, Duco Full Moon, height 5 ft. 5 in..... | 3.00 |
| Colors—Red, Blue and Green | |
| No. 29, Two Tone Brass Half Moon | 3.75 |
| No. 30, Two Tone Brass Full Moon | 4.50 |
| Colors—Red, Blue and Green | |

BIRD CAGES

BRASS

| No. | Diameter | Height | Price |
|------|----------|---------------------|--------|
| 274 | 10¼-in. | 15½-in. | \$2.75 |
| 2274 | 10¼-in. | 13 -in. | 2.75 |
| 2275 | 11 -in. | 14 -in. | 3.75 |
| 1274 | 10⅝-in. | 13⅝-in. Brass | 2.50 |
| 1275 | 11 -in. | 13¾-in. Brass | 3.75 |

COLORED—TWO-TONE

Comes in Red, Green and Blue. Brass Body, White Cups, Colored Base and Top.

| No. | Diameter | Height | Price |
|------|----------|--------------------|--------|
| 2274 | 10¼-in. | 13-in. | \$2.75 |
| 2275 | 11 -in. | 14-in. | 3.75 |
| 2224 | 10⅝-in. | 13-in. Brass | 2.75 |

Brass Body, Colored Base, Top and Cups.

| No. | Diameter | Height | Price |
|------|----------|------------------------|--------|
| 3274 | 10¼-in. | 14 -in. | \$3.25 |
| 3275 | 11 -in. | 15 -in. | 4.25 |
| 4274 | 10⅝-in. | 14½-in. Two Tone | 3.25 |
| 4275 | 11 -in. | 14½-in. Two Tone | 4.25 |

DUCO FINISHES

Two-color combinations, Ebony and Gold, Red and Black, Blue and Gold.

| No. | Diameter | Height | Price |
|------|----------|------------------------|--------|
| 2040 | 10 -in. | 18½-in. Two Tone | \$8.75 |
| 2045 | 10 -in. | 18 -in. Two Tone | 9.25 |
| 2030 | 10 -in. | 17⅝-in. Two Tone | 10.00 |

All cages complete with cups, perches, etc., as illustrated

TRAVELING CAGES

| | | | |
|-----|-------|------------------------------|--------|
| 91 | 7¼x5½ | 5½-in. Square Japanned | \$1.75 |
| 91½ | 7-in. | 6½-in. Round Japanned | 2.00 |

PARROT CAGES

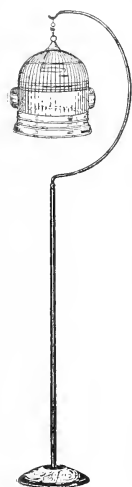
| | | | |
|----|--------|--------------------------|--------|
| 70 | 12-in. | 20-in. Tinned Wire | \$5.00 |
| 80 | 14-in. | 23-in. Tinned Wire | 7.00 |

BREEDING CAGES

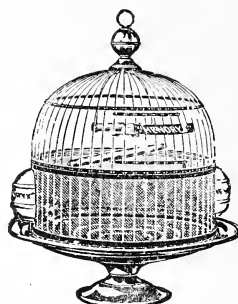
| | | | |
|----|-----------|-------------|--------|
| 86 | 20x10-in. | 14-in. | \$5.50 |
|----|-----------|-------------|--------|

CAGE SUPPLIES

| | |
|--|--------|
| Canary Bath House, each | \$0.75 |
| Egg Food Cup, each | .05 |
| Opal Bath Tubs, 4½-in., each | .20 |
| Opal Bath Tubs, 5¼-in., each | .25 |
| Wall Brackets, nickel, 12-in., style Q, each | .20 |
| Wall Brackets, brass, 12-in., Style I, each | .25 |
| Cage Springs, medium, No. 16, each | .15 |
| Small, No. 145, each | .10 |
| No. 282, Brass chains and springs, each..... | .30 |
| Feed Cup, Opal. Open or closed top, each | .15 |
| Feed Cup, Crystal. Open or closed top, each.... | .15 |
| Bird Nests, each | .15 |
| Nesting Hair | .10 |
| Perch Stock, per foot | .10 |
| Leg Bands, each | .01 |
| Cage Swings for brass cages | .10 |



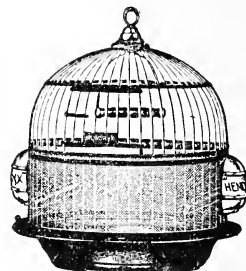
No. 57-58
Cage
Half Moon
Stand



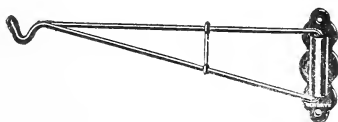
No. 274



Nos. 2274-5-6 Cage



Nos. 1274-5



DOG REMEDIES



Sergeant's DOG MEDICINES

| | |
|-------------------------------------|--------|
| *Run-Fit Medicine | \$2.00 |
| *Distemper Medicine | 1.20 |
| *Mange Medicine | .60 |
| *Condition Pills | .60 |
| *Sure Shot Capsules for worms | .60 |
| *Sure Shot Liquid, for worms | .60 |
| *Tape Worm Medicine | .60 |
| *Arsenic and Iron Pills | .60 |
| *Canker Wash, for the ear | .60 |
| *Well Mouth, for sore mouth | .60 |
| *Pepsin Tablets, for indigestion | .60 |
| *Diarrhoea Medicine | .60 |
| *Cough Medicine, for colds | .60 |
| *Rheumatic Pills | .60 |
| *Dog Rub, a liniment | .60 |
| *Eye Wash | .60 |
| *Constipation Capsules | .60 |
| *Carbolic Tar Soap | .25 |
| *Skip Flea Soap, for fleas and lice | .25 |
| *Skip Flea Powder | .25 |

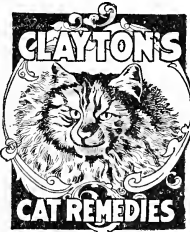
*CLAYTON'S DOG REMEDIES



| | |
|-----------------------|------|
| *Kill Flea Powder | .35c |
| *Kill Flea Soap | .25c |
| *Cedline Dog Soap | .25c |
| *Condition Pills | .60c |
| *Puppy Tonic | .60c |
| *Distemperine | .60c |
| *Distemperine Tablets | .60c |
| *Worm Bullets | .60c |
| *Worm Pills | .60c |
| *Diarrhoea Tablets | .60c |
| *Blood Pills | .60c |
| *Vermifuge Capsules | .60c |
| *Vermifuge Liquid | .60c |
| *Tape Worm Expeller | .60c |
| *Mange Medicine | .60c |

*CLAYTON CAT REMEDIES

| | |
|-------------------------------------|------|
| *Cat Mange Remedy | .60c |
| *Cat Distemperine Tablets | .60c |
| *Cat Tonic Catnip Condition Tablets | .60c |
| *Cat Blood Purifying and Cooling | .60c |
| *Cat Laxative Tablets | .60c |
| *Cat Digestive Tablets | .60c |
| *Cat Worm Tablets | .60c |
| *Cat Tape Worm Expeller Tablets | .60c |
| *Cat Vermifuge, (liquid) | .60c |
| *Cat Canker Lotion Tablets | .60c |
| *Cat Fit Tablets | .60c |
| *Cat Diarrhoea Tablets | .60c |
| *Cat Wash and Disinfectant | .25c |



*GLOVER'S DOG REMEDIES

| | |
|------------------------------|------|
| *Glover's Mange Medicine | .65c |
| *Glover's Nerve Sedative | .65c |
| *Glover's Sore Foot Medicine | .65c |
| *Glover's Diarrhoea Medicine | .65c |
| *Glover's Vermifuge | .65c |
| *Glover's Worm Capsules | .65c |
| *Glover's Sulphur Tablets | .65c |
| *Glover's Medicated Soap | .25c |

*DELCREO DOG REMEDIES

| | |
|--------------------------------|--------|
| *Delcreo Tape Worm Tablets | \$0.75 |
| *Delcreo Tonic and Conditioner | .75 |
| *Delcreo Eye Lotion | .60 |
| *Delcreo Vermifuge | .60 |
| *Delcreo Sulphur Compound | 1.00 |
| *Delcreo Laxative | .35 |
| *Delcreo Distemper | 1.50 |

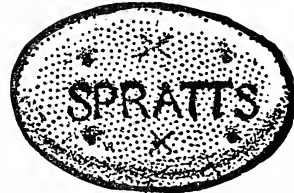


Q-W DOG REMEDIES

| | |
|--------------------------------------|--------|
| *Q-W Flea Powder | \$1.00 |
| *Q-W Mange Soap | 1.00 |
| *Q-W Condition Powder | 1.00 |
| *Q-W Flea Oil and Coat Grower | 1.00 |
| *Q-W Mange Lotion | 1.00 |
| *Q-W Distemperol | 2.00 |
| *Q-W Eye Salve | 1.00 |
| *Q-W Diarrhoea and Dysentery Tablets | 1.25 |
| *Q-W Fit and Sedative Tablets | 1.25 |
| *Q-W Red Blood Builder | 1.00 |
| *Q-W Worm Mixture | 1.00 |
| *Q-W Constipation Pills | 1.00 |
| *Q-W Tape Worm Mixture | 1.00 |

Sergeant's DOG FOOD

Sergeant's Dog Bread—Lb., 15c; 2 lbs., 25c; 100 lbs., \$10.50.

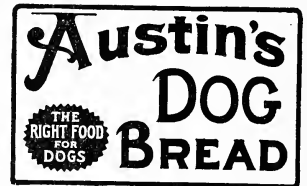


| | |
|--|-------------------------|
| Spratt's Cat Food—1 lb., 8 oz. | Each, 30c |
| Spratt's Fibo—Lb., 20c; 2 lbs., 35c; 100 lbs., \$16.00 | |
| Spratt's Dog Bread—Lb., 15c; 100 lbs., \$13.00 | |
| Spratt's Cod Liver Oil Cake—Lb., 20c; 2 lbs., 35c | |
| Spratt's Ovals—Lb., 15c; 100 lbs., \$14.50 | |
| Rose's Dog and Puppy Meal—Lb., 10c; 100 lb., \$7.00 | |
| Ken-L-Ration | Each, 15c; 7 for \$1.00 |
| Hemo-Ration | Each, 15c; 7 for \$1.00 |
| Pup-B-Ration | Each, 20c |

AUSTIN'S DOG BREAD

A splendid conditioner and ready prepared food for the Dog. Contains ingredients in such a combination as to make a healthful, nourishing dog food. Good for the teeth, for sweet breath, for glossy coat and regular habits.

Per lb., 15c; 2 lbs., 25c; 25 lbs., \$2.50.



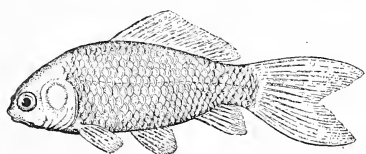
FREE DOG BOOK

Polk Miller's famous book on the care, feeding and breeding of dogs will be sent free to all dog owners and dog lovers.

CATNIP

Loose Pressed Catnip.....Oz., 10c

FISH AND SUPPLIES



FISH

A Fascinating Gift

COMMON GOLDFISH

| | |
|--------------------|--------|
| Small. Each | \$0.15 |
| Medium. Each | .25 |
| Large. Each | .35 |

COMETS

Similar to Common, except that the tails are almost as long as the body. Very beautiful.

| | |
|--------------------|--------|
| Small. Each | \$0.25 |
| Medium. Each | .50 |

FANCY FANTAILS

Similar to Telescopes, except eyes which are like common Goldfish.

| | |
|--------------------|--------|
| Small. Each | \$0.50 |
| Medium. Each | .75 |

25c extra for shipping can.



COMMON SENSE BOWLS

Style A—Bowl is stronger and less liable to breakage. These bowls are hand made and annealed after molding.

| | |
|-------------------------------|--------|
| 1 gallon Fish Bowl. Each..... | \$0.75 |
| 2 gallon Fish Bowl. Each..... | 1.25 |
| 3 gallon Fish Bowl. Each..... | 2.50 |

SQUAT GLASS BOWLS

| | |
|----------------------------------|--------|
| 1 gallon Round Squat Bowl. Each. | \$0.85 |
| 2 gallon Round Squat Bowl. Each. | 1.25 |
| 3 gallon Round Squat Bowl. Each. | 2.50 |

COLOR GLASS BOWLS

| | |
|--------------------------------|--------|
| Colors—Blue, Green and Canary. | |
| 1½ gallon Colored Glass Bowl. | |
| Each | \$1.50 |

SQUARE AQUARIUM

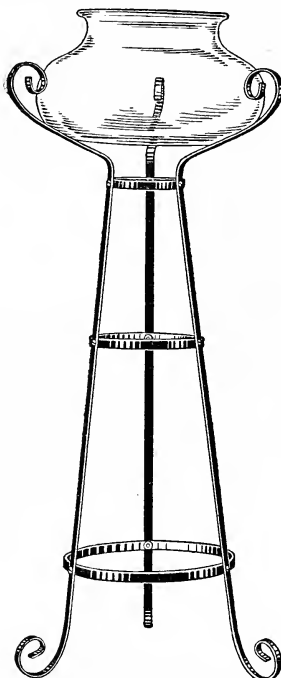
Steel frame aquarium with electrically welded corners. Bottoms of heavy glass. The sides are selected crystal glass. It has improved feet of great strength and perfectly leveled, standing solidly on a level surface. Finished in green with gold striping. No. 103—4.8 gallon, 14x8x10. Each \$6.00

Notice—If you desire larger aquarium, write for prices. Can quote you up to 96 gallon capacity.



FISHING BOYS

| | |
|--------------------|-----|
| Each | 50c |
| Postage 10c extra. | |



AQUARIUM STANDS

| | |
|------------|--------|
| Each | \$1.60 |
|------------|--------|

FISH FOODS

| | |
|----------------------------------|-----|
| Natural wafer fish food, pkt.10c | |
| Plants. Per bunch..... | 15c |



583

CASTLES



| | |
|--------------------|--------|
| 3 in. high. Each.. | \$0.20 |
| 4 in. high. Each.. | .30 |
| 5 in. high. Each.. | .40 |
| Large Castle. Ea. | 1.25 |

602



596



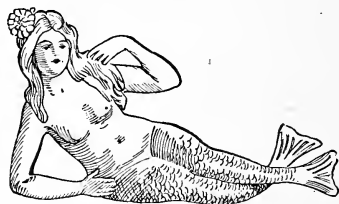
595

PLANT POTS

Plant Pots are a great convenience in good aquarium management, providing a method of handling rooted plants on the floor of aquarium. Each

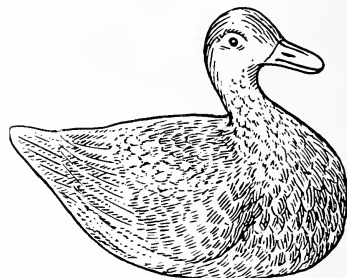
SHELLS

| | |
|------------------|----------|
| Colored shells, | |
| Per box | 25c |
| Colored Pearl | |
| Chips. Lb..... | 20c |
| Sand, per bx.... | 15c |
| Snails, | |
| each | 10c, 25c |



COLOR BISQUE MERMAIDS

| | |
|--------------------|-----|
| Each | 50c |
| Postage 10c extra. | |



CELLULOID FIGURES

| | |
|----------------------|-----|
| Frogs. Each | 10c |
| Turtles. Each | 10c |
| Ducks. Each | 10c |
| Lobsters. Each | 10c |

Garden Seeding Table

| Name of Vegetables | Seeds required for | | Distance for Plants | | Ready for use from seed in about |
|-----------------------|--------------------|---------------|---------------------|--------------|----------------------------------|
| | 100 ft. Row | One Acre | In Rows | Rows apart | |
| Artichoke | 1 oz. | 6 oz. | 2 ft. | 3 to 4 ft. | 8 months |
| Asparagus | 2½ oz. | 4 lbs. | 1 to 2 ft. | 3 to 4 ft. | 3 to 4 years |
| Beans, Bush | 1 qt. | 1¼ bush. | 6 in. | 2 ft. | 45 to 65 days |
| Beans, Pole | 1 qt. | 10 to 12 qts. | 3 ft. | 4 ft. | 65 to 90 " |
| Beet, Table | 2 oz. | 5 lbs. | 4 in. | 1 to 1½ ft. | 60 to 75 " |
| Beet, Mangel | 1 oz. | 5 lbs. | 8 in. | 2 to 2½ ft. | 150 " |
| Broccoli | ⅓ oz. | 2 oz. | 2 ft. | 2½ ft. | 120 " |
| Brussels Sprouts | ⅓ oz. | 2 oz. | 2 ft. | 2 ft. | 100 to 120 " |
| Cabbage, early | ⅓ oz. | 6 oz. | 18 in. | 2½ ft. | 100 to 120 " |
| Cabbage, late | ⅓ oz. | 6 oz. | 2½ ft. | 3 ft. | 125 to 180 " |
| Carrots | 1 oz. | 3 to 4 lbs. | 4 in. | 1½ to 2 ft. | 75 to 120 " |
| Cauliflower | ⅓ oz. | ½ lb. | 2 ft. | 2 ½ ft. | 100 to 135 " |
| Celery | ⅓ oz. | 2 oz. | 6 in. | 3 to 4 ft. | 125 to 150 " |
| Corn, Salad | 3 oz. | | 4 in. | 12 to 13 in. | 65 " |
| Corn, Sweet | ½ pt. 100 hills | 8 qts. | 3 ft. | 4 ft. | 65 to 100 " |
| Cress | ½ oz. | 2 to 3 lbs. | 1 in. | 1 ft. | 30 " |
| Cucumber | 1 oz. | 2 lbs. | 4 ft. | 4 ft. | 60 to 85 " |
| Egg Plant | ⅓ oz. | 4 oz. | 2½ ft. | 3 ft. | 150 to 160 " |
| Endive | 1 oz. | 4 lbs. | 1 ft. | 1½ ft. | 50 to 75 " |
| Kale | ⅓ oz. | 2 oz. | 2 ft. | 2½ ft. | 100 to 120 " |
| Kohlrabi | ⅓ oz. | 4 lbs. | 6 in. | 1½ ft. | 75 " |
| Leek | 1 oz. | 4 lbs. | 6 in. | 1½ ft. | 120 to 160 " |
| Lettuce | 1 oz. | 3 lbs. | 1 ft. | 1½ ft. | 65 to 100 " |
| Melons, Musk | ½ oz. | 2 to 3 lbs. | 4 ft. | 5 ft. | 115 to 140 " |
| Melons, Water | 1 oz. | 4 lbs. | 8 ft. | 8 ft. | 120 to 140 " |
| Okra | 2 oz. | 10 lbs. | 1½ ft. | 2 ft. | 90 to 125 " |
| Onion | 1 oz. | 5 to 6 lbs. | 3 in. | 1 ft. | 135 to 150 " |
| Parsley | ½ oz. | 3 to 5 lbs. | 4 in. | 1½ ft. | 100 " |
| Parsnip | ½ oz. | 3 to 5 lbs. | 6 in. | 1½ ft. | 125 to 150 " |
| Peas | 1 to 2 pts. | 2 bush. | 2 in. | 2 to 4 ft. | 50 to 75 " |
| Pepper | ⅓ oz. | ½ lb. | 2 ft. | 2 ft. | 140 to 150 " |
| Potato, cut | 5 lbs. | 7 to 10 bush. | 1 ft. | 2½ ft. | 80 to 140 " |
| Pumpkin | 1 pkt. | 4 lbs. | 8 ft. | 8 ft. | 100 to 120 " |
| Radish | 1 oz. | 8 to 10 lbs. | 2 to 4 in. | 1½ ft. | 20 to 50 " |
| Salsify | 1 oz. | 8 lbs. | 6 in. | 1½ ft. | 125 to 150 " |
| Spinach | 1 oz. | 10 lbs. | 4 in. | 15 in. | 30 to 60 " |
| Squash, Bush | ½ oz. | 4 lbs. | 3 ft. | 4 ft. | 60 to 75 " |
| Squash, late | ½ oz. | 4 lbs. | 7 ft. | 8 ft. | 90 to 125 " |
| Tomato | ⅓ oz. | 2 to 4 oz. | 4 ft. | 4 ft. | 100 to 125 " |
| Turnip | ½ oz. | 2 lbs. | 6 in. | 1 ft. | 60 to 75 " |



*Flyrol

A RELIABLE HOUSEHOLD INSECTICIDE

Destroys flies, moths, mosquitoes, bedbugs, beetles, silverfish, fleas, chicken lice, mites and their eggs. Flyrol, sprayed thoroughly within the house is a sanitary measure insuring against contagion. Flyrol is 100% active and non-poisonous. Will not stain the daintiest fabrics. No unpleasant odor. Use Flyrol freely during spring and summer months.

PRICES

| | Wt. Lbs. Each | | Wt. Lbs. Each |
|--------------------|---------------|----------------------|---------------|
| *Pint cans | 1½ \$0.65 | *Quart cans | 2½ \$1.20 |
| *Gallon cans | 8½ 3.25 | *5-Gallon cans | 41 12.50 |

*"Dairy Brand" Flyrol

A SPECIAL OUTDOOR INSECTICIDE

For controlling flies, mosquitoes, chicken lice and fleas. A spray for dairy cows, horses and all farm stock. Especially effective for dairies, stables, barnyards, chicken houses, rabbit pens, dog kennels, trash piles and in swamps. These are the places that breed disease. Keep them clean by spraying Dairy Brand Flyrol on them. Kills eggs and larvae.

PRICES

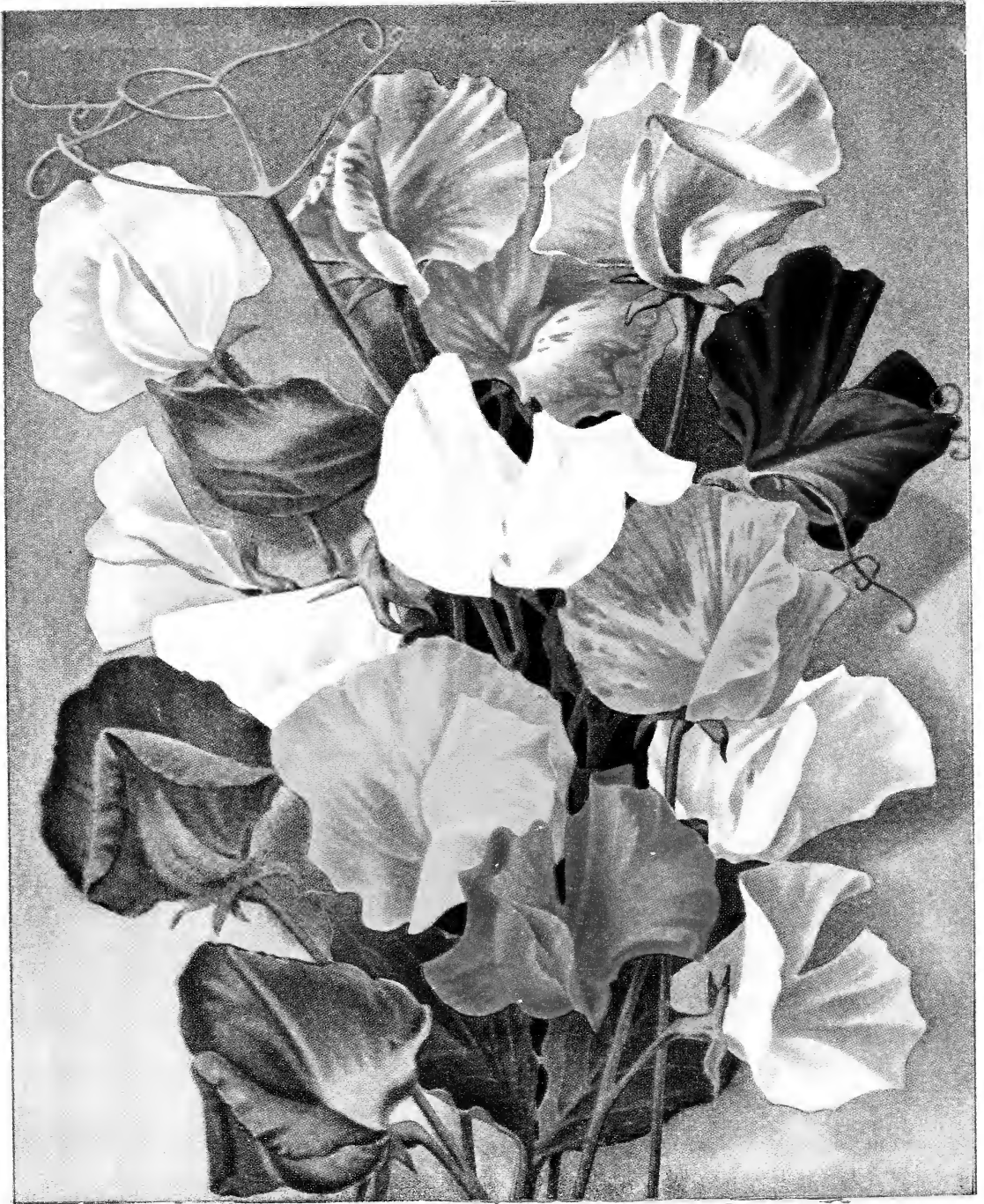
| | Wt. Lbs. Each | | Wt. Lbs. Each |
|----------------------|---------------|----------------------|---------------|
| *½-Gallon cans | 4½ \$0.80 | *1-Gallon cans | 8½ \$1.50 |
| *5-Gallon cans | 44 6.25 | | |

3 SATEX STORES

No. 1 529 South Flores Street

No. 2 318 Fredericksburg Road

No. 3 110 East Commerce St.



SAN ANTONIO
TEXAS